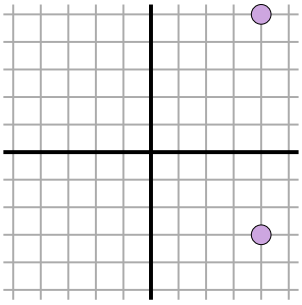
Abstand in einem Koordinatensystem finden

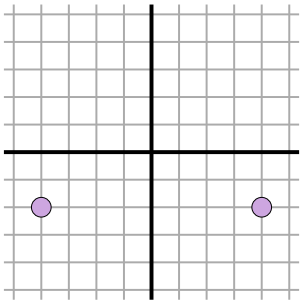
Name:

Finde die Distanz zwischen zwei Punkten.

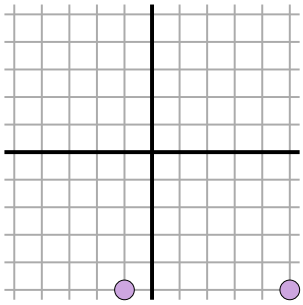
Bsp)



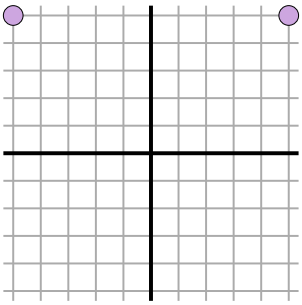
1)



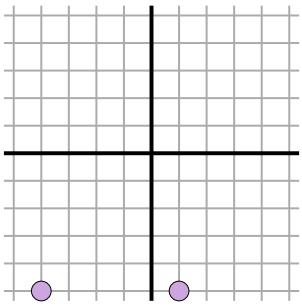
2)



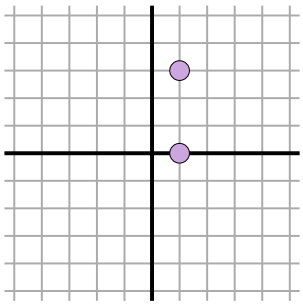
3)



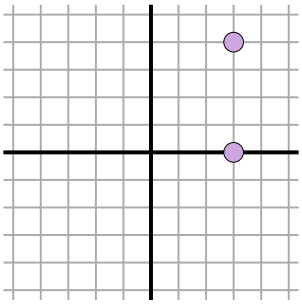
4)



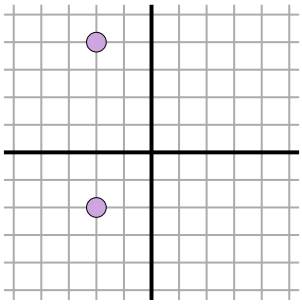
5)



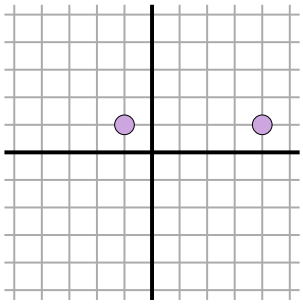
6)



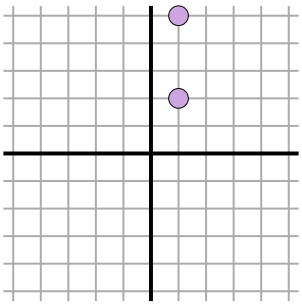
7)



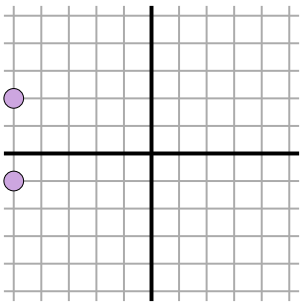
8)



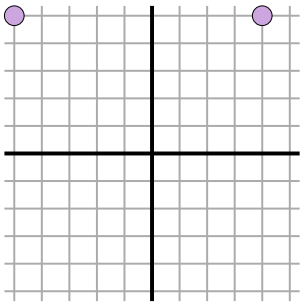
9)



10)



11)



Antworten

Bsp. **8**

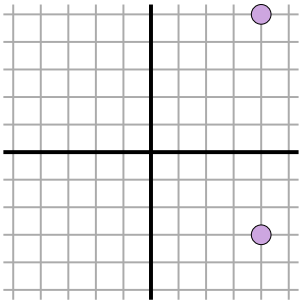
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Abstand in einem Koordinatensystem finden Name: **Lösungsschlüssel**

Finde die Distanz zwischen zwei Punkten.

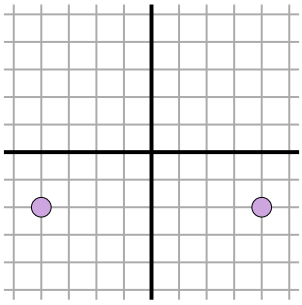
Bsp)



$\sqrt{(4-4)^2 + (-3-5)^2}$

$\sqrt{(0) + (64)}$

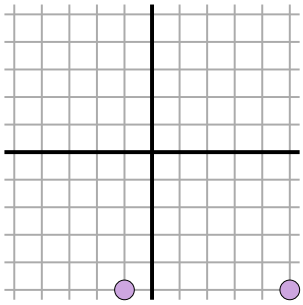
1)



$\sqrt{(4--4)^2 + (-2--2)^2}$

$\sqrt{(64) + (0)}$

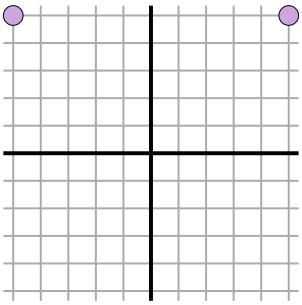
2)



$\sqrt{(-1-5)^2 + (-5--5)^2}$

$\sqrt{(36) + (0)}$

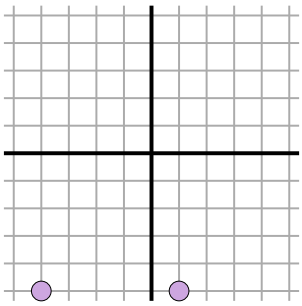
3)



$\sqrt{(5--5)^2 + (5-5)^2}$

$\sqrt{(100) + (0)}$

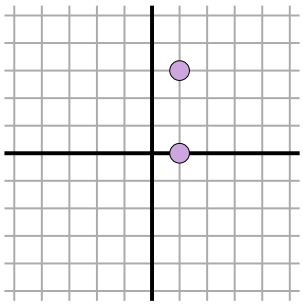
4)



$\sqrt{(1--4)^2 + (-5--5)^2}$

$\sqrt{(25) + (0)}$

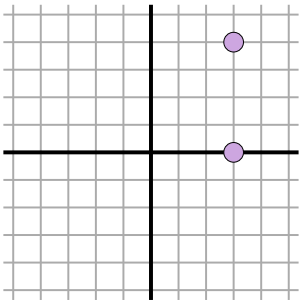
5)



$\sqrt{(1-1)^2 + (3-0)^2}$

$\sqrt{(0) + (9)}$

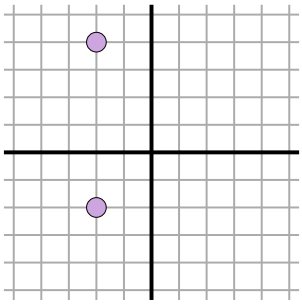
6)



$\sqrt{(3-3)^2 + (4-0)^2}$

$\sqrt{(0) + (16)}$

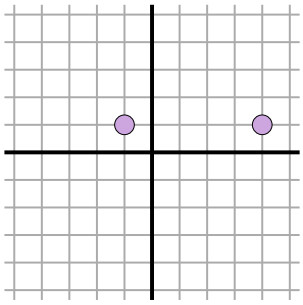
7)



$\sqrt{(-2--2)^2 + (-2-4)^2}$

$\sqrt{(0) + (36)}$

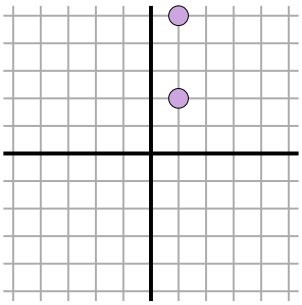
8)



$\sqrt{(-1-4)^2 + (1-1)^2}$

$\sqrt{(25) + (0)}$

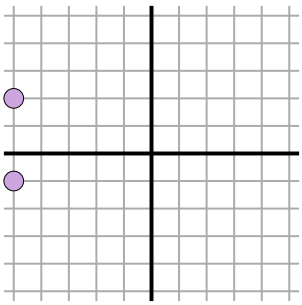
9)



$\sqrt{(1-1)^2 + (5-2)^2}$

$\sqrt{(0) + (9)}$

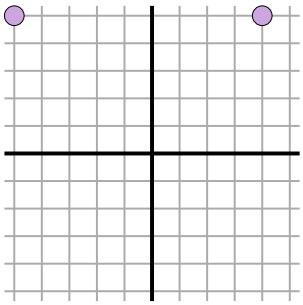
10)



$\sqrt{(-5--5)^2 + (-1-2)^2}$

$\sqrt{(0) + (9)}$

11)



$\sqrt{(4--5)^2 + (5-5)^2}$

$\sqrt{(81) + (0)}$

Antworten

Bsp. **8**

1. **8**
2. **6**
3. **10**
4. **5**
5. **3**
6. **4**
7. **6**
8. **5**
9. **3**
10. **3**
11. **9**

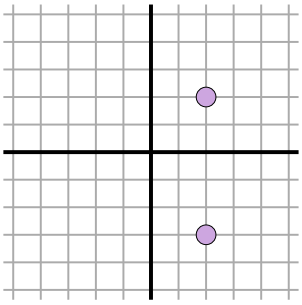
1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Abstand in einem Koordinatensystem finden

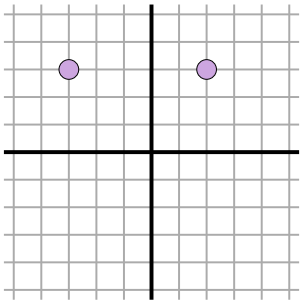
Name:

Finde die Distanz zwischen zwei Punkten.

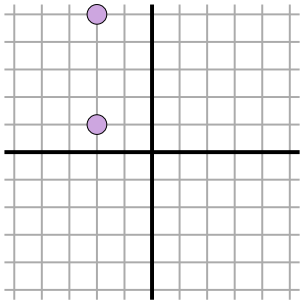
Bsp)



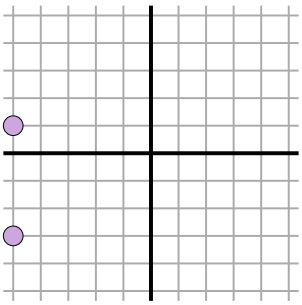
1)



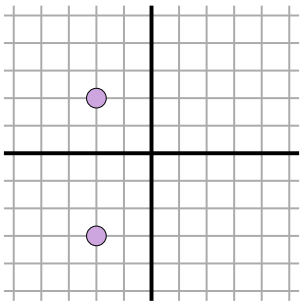
2)



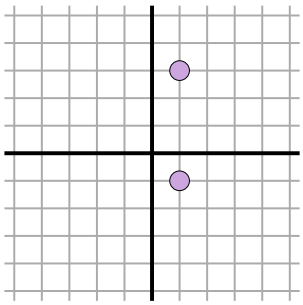
3)



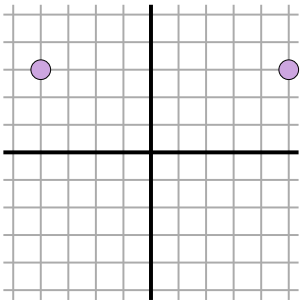
4)



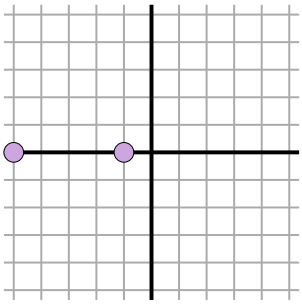
5)



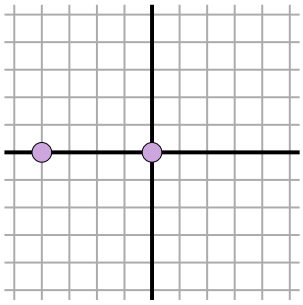
6)



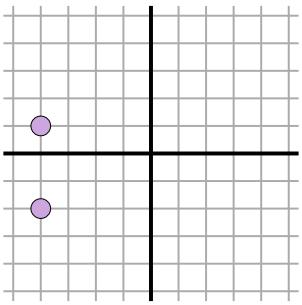
7)



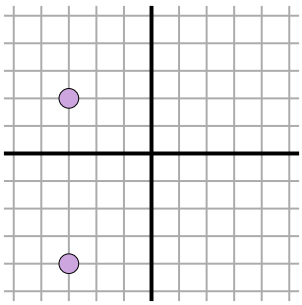
8)



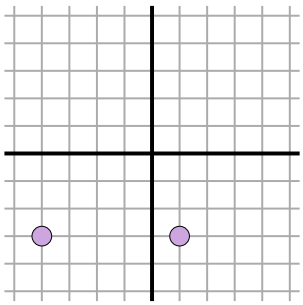
9)



10)



11)



Antworten

Bsp. 5

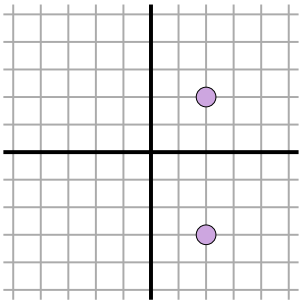
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Abstand in einem Koordinatensystem finden Name: **Lösungsschlüssel**

Finde die Distanz zwischen zwei Punkten.

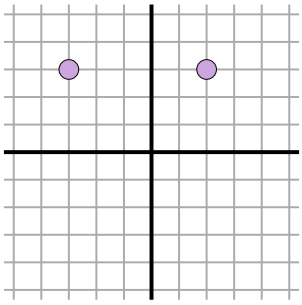
Bsp)



$\sqrt{(2-2)^2 + (2--3)^2}$

$\sqrt{(0) + (25)}$

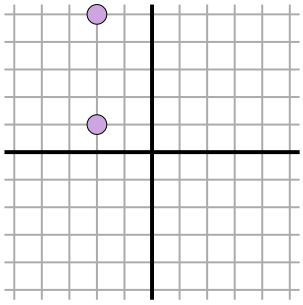
1)



$\sqrt{(2--3)^2 + (3-3)^2}$

$\sqrt{(25) + (0)}$

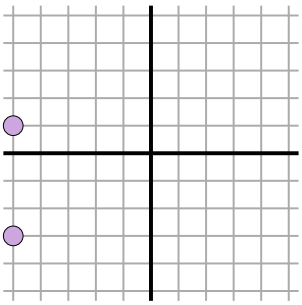
2)



$\sqrt{(-2--2)^2 + (1-5)^2}$

$\sqrt{(0) + (16)}$

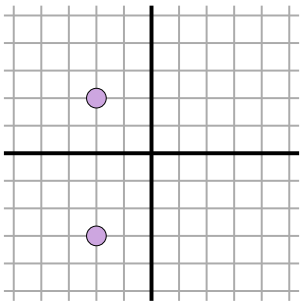
3)



$\sqrt{(-5--5)^2 + (1--3)^2}$

$\sqrt{(0) + (16)}$

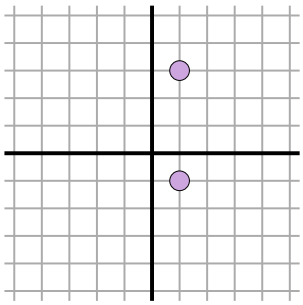
4)



$\sqrt{(-2--2)^2 + (-3-2)^2}$

$\sqrt{(0) + (25)}$

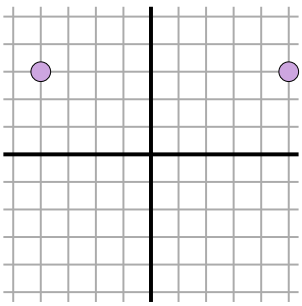
5)



$\sqrt{(1-1)^2 + (-1-3)^2}$

$\sqrt{(0) + (16)}$

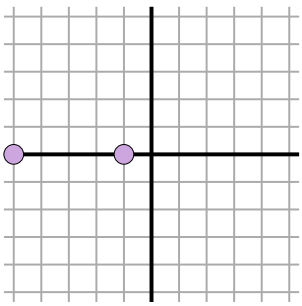
6)



$\sqrt{(-4-5)^2 + (3-3)^2}$

$\sqrt{(81) + (0)}$

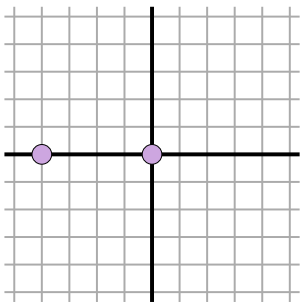
7)



$\sqrt{(-5--1)^2 + (0-0)^2}$

$\sqrt{(16) + (0)}$

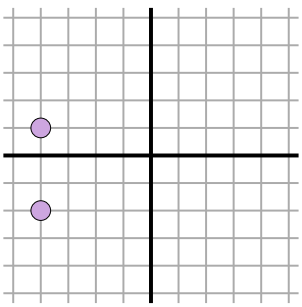
8)



$\sqrt{(0--4)^2 + (0-0)^2}$

$\sqrt{(16) + (0)}$

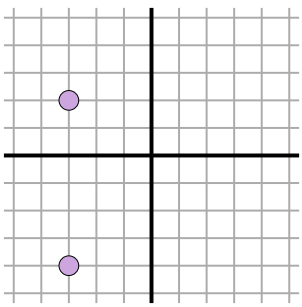
9)



$\sqrt{(-4--4)^2 + (-2-1)^2}$

$\sqrt{(0) + (9)}$

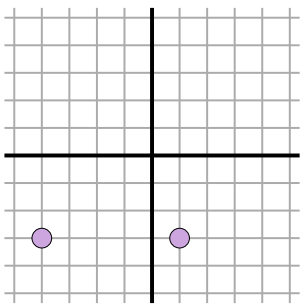
10)



$\sqrt{(-3--3)^2 + (-4-2)^2}$

$\sqrt{(0) + (36)}$

11)



$\sqrt{(-4-1)^2 + (-3--3)^2}$

$\sqrt{(25) + (0)}$

Antworten

Bsp. 5

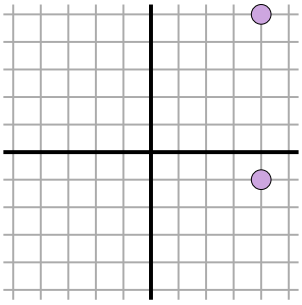
1. 5
2. 4
3. 4
4. 5
5. 4
6. 9
7. 4
8. 4
9. 3
10. 6
11. 5

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

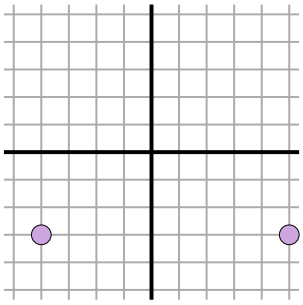
Abstand in einem Koordinatensystem finden Name:

Finde die Distanz zwischen zwei Punkten.

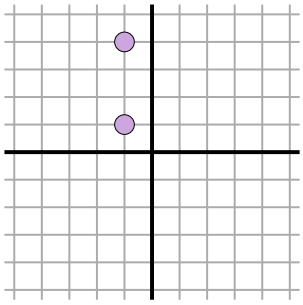
Bsp)



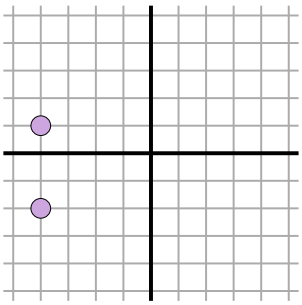
1)



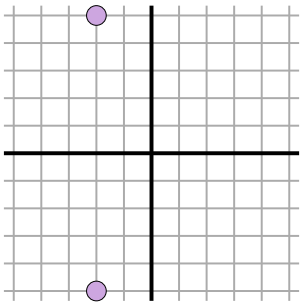
2)



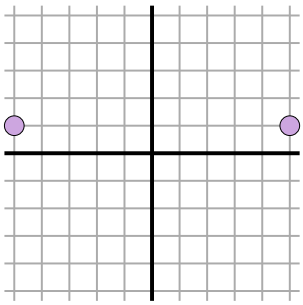
3)



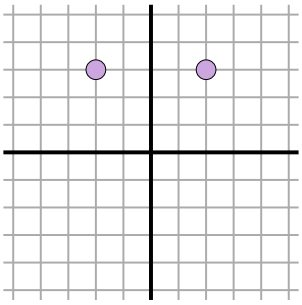
4)



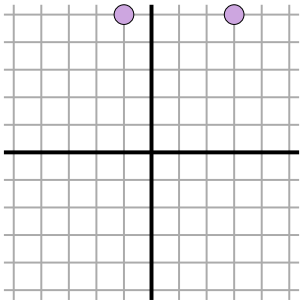
5)



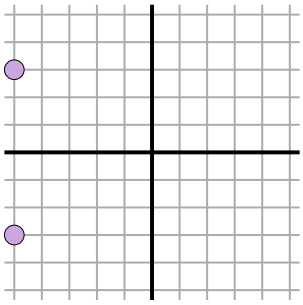
6)



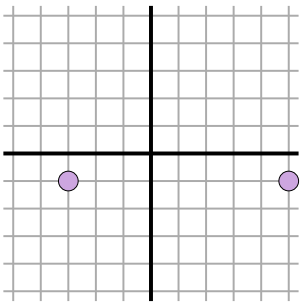
7)



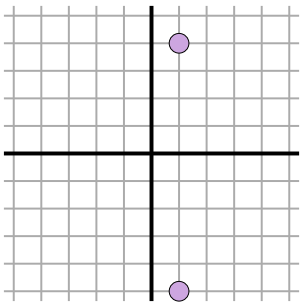
8)



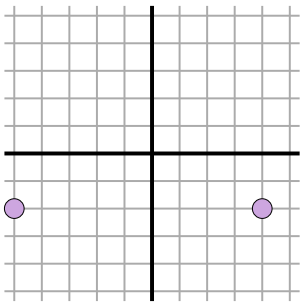
9)



10)



11)



Antworten

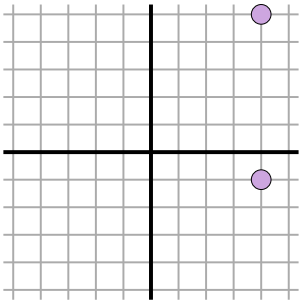
Bsp. 6

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finde die Distanz zwischen zwei Punkten.

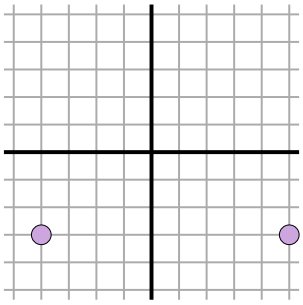
Bsp)



$\sqrt{(4-4)^2 + (5--1)^2}$

$\sqrt{(0) + (36)}$

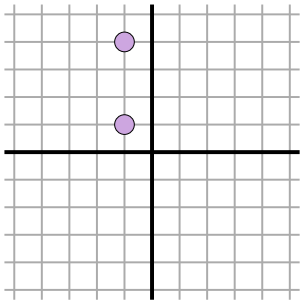
1)



$\sqrt{(5--4)^2 + (-3--3)^2}$

$\sqrt{(81) + (0)}$

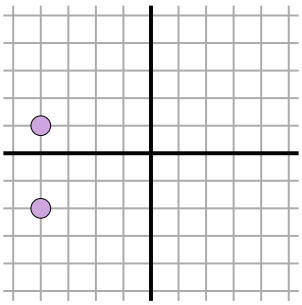
2)



$\sqrt{(-1--1)^2 + (4-1)^2}$

$\sqrt{(0) + (9)}$

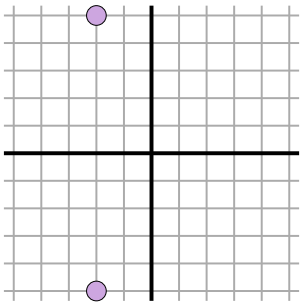
3)



$\sqrt{(-4--4)^2 + (-2-1)^2}$

$\sqrt{(0) + (9)}$

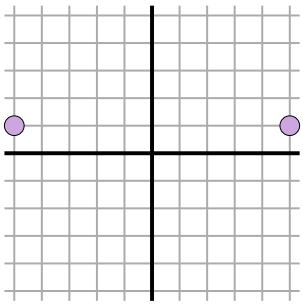
4)



$\sqrt{(-2--2)^2 + (-5-5)^2}$

$\sqrt{(0) + (100)}$

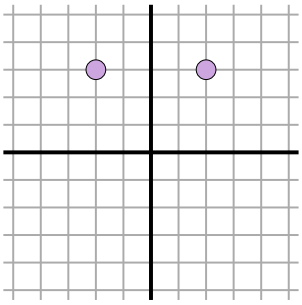
5)



$\sqrt{(5--5)^2 + (1-1)^2}$

$\sqrt{(100) + (0)}$

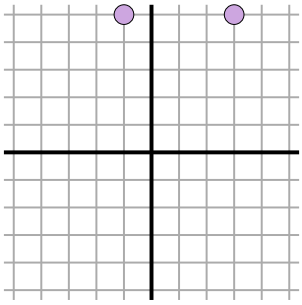
6)



$\sqrt{(-2-2)^2 + (3-3)^2}$

$\sqrt{(16) + (0)}$

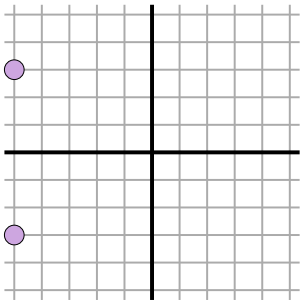
7)



$\sqrt{(3--1)^2 + (5-5)^2}$

$\sqrt{(16) + (0)}$

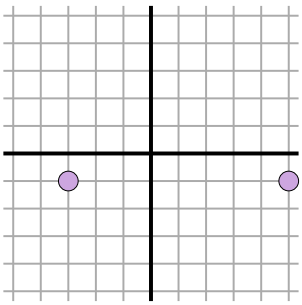
8)



$\sqrt{(-5--5)^2 + (3--3)^2}$

$\sqrt{(0) + (36)}$

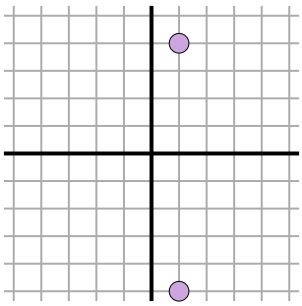
9)



$\sqrt{(5--3)^2 + (-1--1)^2}$

$\sqrt{(64) + (0)}$

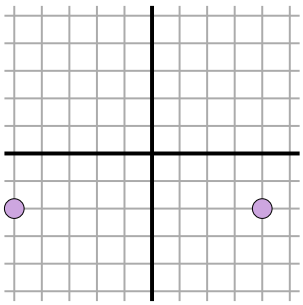
10)



$\sqrt{(1-1)^2 + (4--5)^2}$

$\sqrt{(0) + (81)}$

11)



$\sqrt{(4--5)^2 + (-2--2)^2}$

$\sqrt{(81) + (0)}$

Antworten

Bsp. **6**

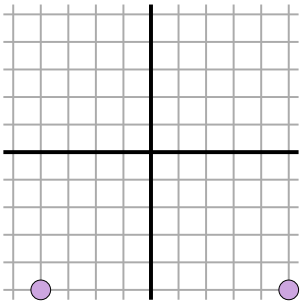
1. **9**
2. **3**
3. **3**
4. **10**
5. **10**
6. **4**
7. **4**
8. **6**
9. **8**
10. **9**
11. **9**

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

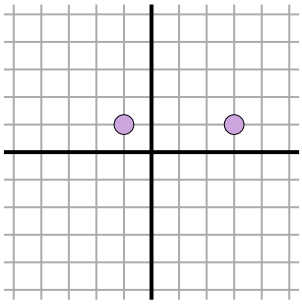
Abstand in einem Koordinatensystem finden Name:

Finde die Distanz zwischen zwei Punkten.

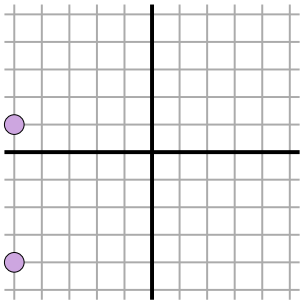
Bsp)



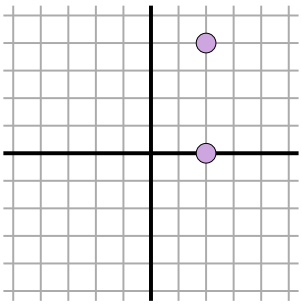
1)



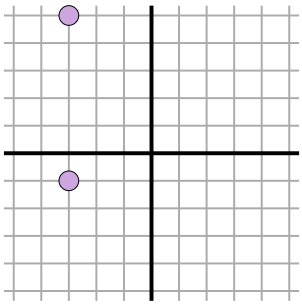
2)



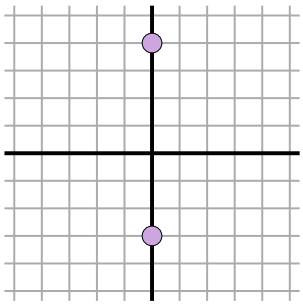
3)



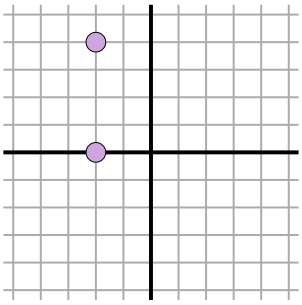
4)



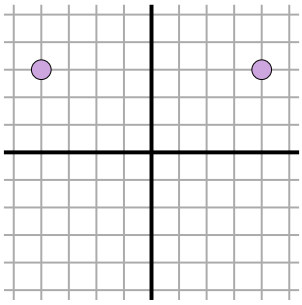
5)



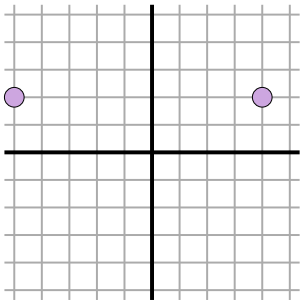
6)



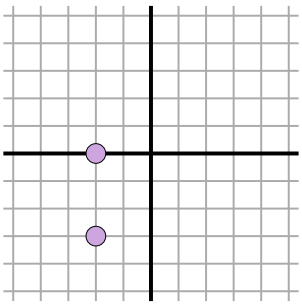
7)



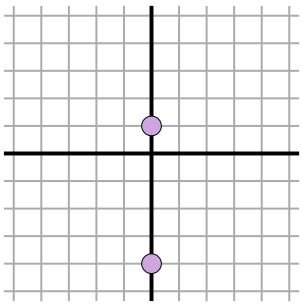
8)



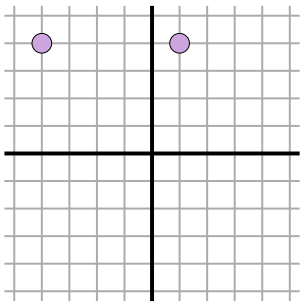
9)



10)



11)



Antworten

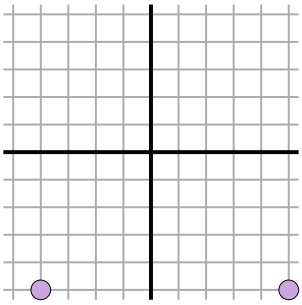
Bsp. 9

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finde die Distanz zwischen zwei Punkten.

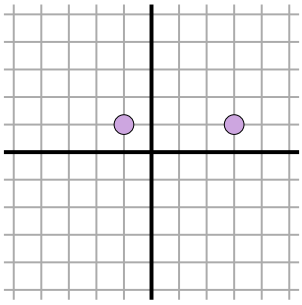
Bsp)



$\sqrt{(5--4)^2 + (-5--5)^2}$

$\sqrt{(81) + (0)}$

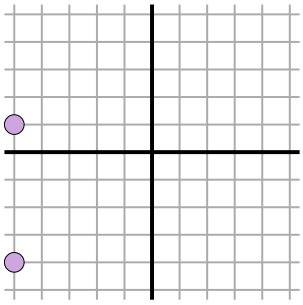
1)



$\sqrt{(-1-3)^2 + (1-1)^2}$

$\sqrt{(16) + (0)}$

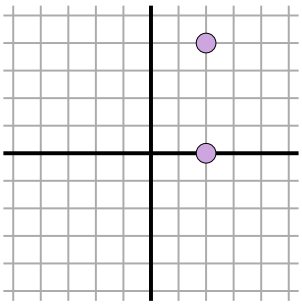
2)



$\sqrt{(-5--5)^2 + (-4-1)^2}$

$\sqrt{(0) + (25)}$

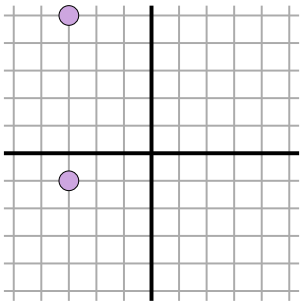
3)



$\sqrt{(2-2)^2 + (0-4)^2}$

$\sqrt{(0) + (16)}$

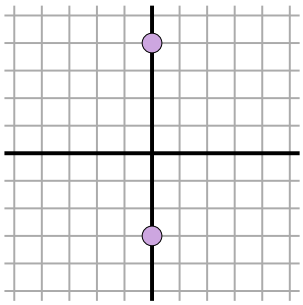
4)



$\sqrt{(-3--3)^2 + (-1-5)^2}$

$\sqrt{(0) + (36)}$

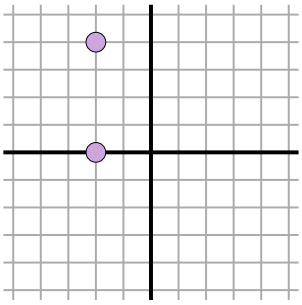
5)



$\sqrt{(0-0)^2 + (4--3)^2}$

$\sqrt{(0) + (49)}$

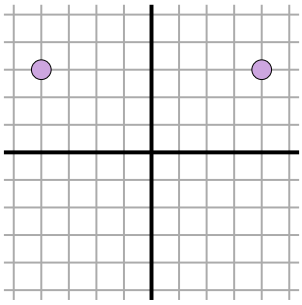
6)



$\sqrt{(-2--2)^2 + (0-4)^2}$

$\sqrt{(0) + (16)}$

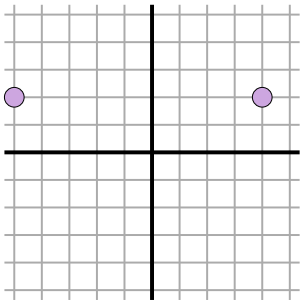
7)



$\sqrt{(4--4)^2 + (3-3)^2}$

$\sqrt{(64) + (0)}$

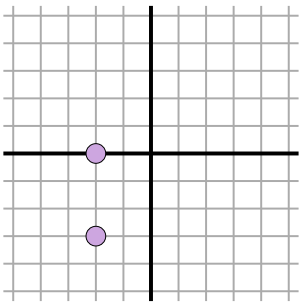
8)



$\sqrt{(-5-4)^2 + (2-2)^2}$

$\sqrt{(81) + (0)}$

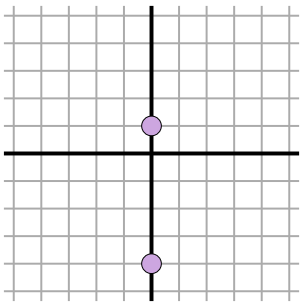
9)



$\sqrt{(-2--2)^2 + (0--3)^2}$

$\sqrt{(0) + (9)}$

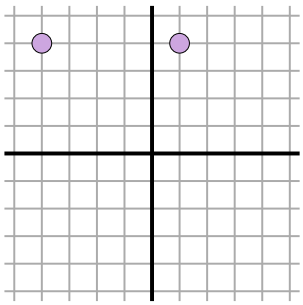
10)



$\sqrt{(0-0)^2 + (1--4)^2}$

$\sqrt{(0) + (25)}$

11)



$\sqrt{(-4-1)^2 + (4-4)^2}$

$\sqrt{(25) + (0)}$

Antworten

Bsp. **9**

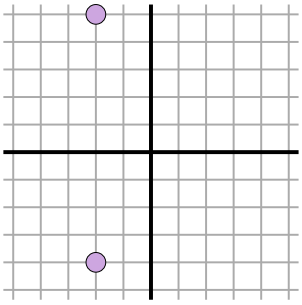
1. **4**
2. **5**
3. **4**
4. **6**
5. **7**
6. **4**
7. **8**
8. **9**
9. **3**
10. **5**
11. **5**

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

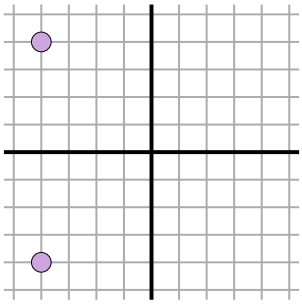
Abstand in einem Koordinatensystem finden Name:

Finde die Distanz zwischen zwei Punkten.

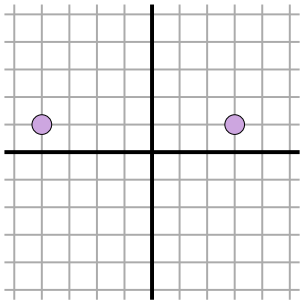
Bsp)



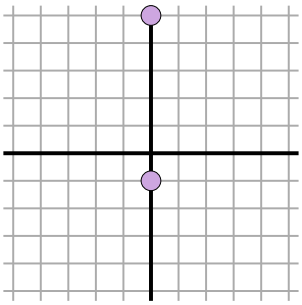
1)



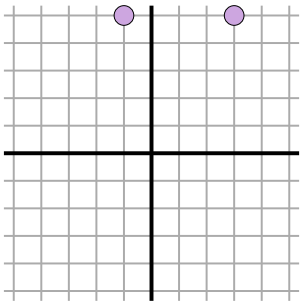
2)



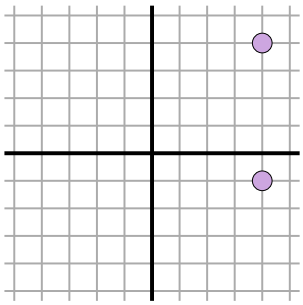
3)



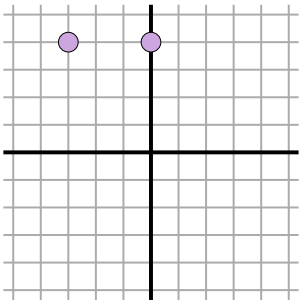
4)



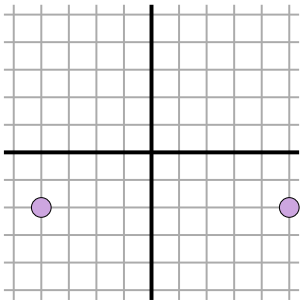
5)



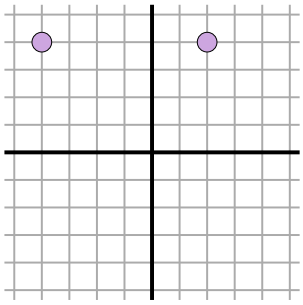
6)



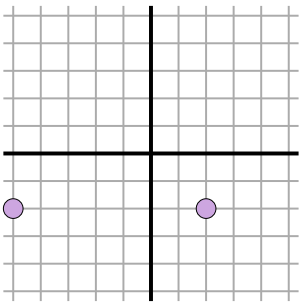
7)



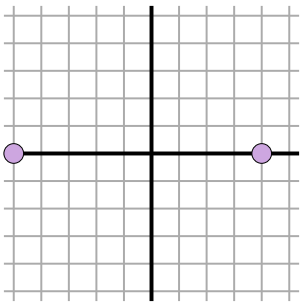
8)



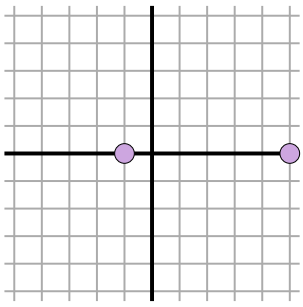
9)



10)



11)



Antworten

Bsp. 9

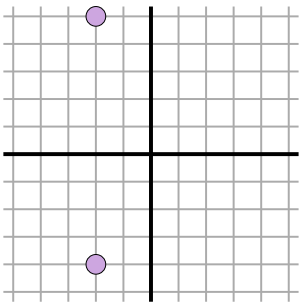
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Abstand in einem Koordinatensystem finden Name: **Lösungsschlüssel**

Finde die Distanz zwischen zwei Punkten.

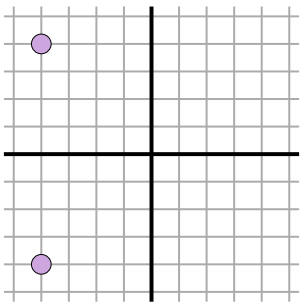
Bsp)



$\sqrt{(-2--2)^2 + (5--4)^2}$

$\sqrt{(0) + (81)}$

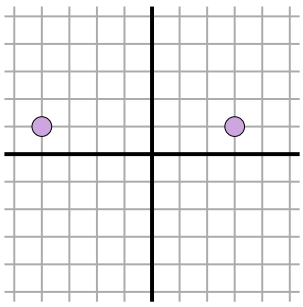
1)



$\sqrt{(-4--4)^2 + (-4-4)^2}$

$\sqrt{(0) + (64)}$

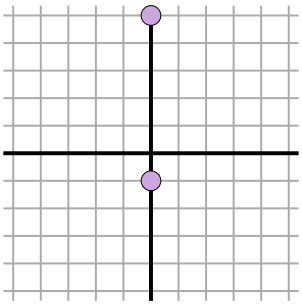
2)



$\sqrt{(-4-3)^2 + (1-1)^2}$

$\sqrt{(49) + (0)}$

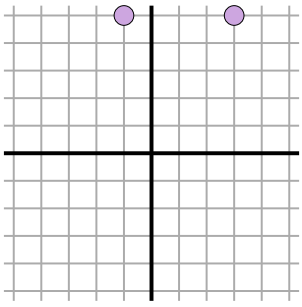
3)



$\sqrt{(0-0)^2 + (5--1)^2}$

$\sqrt{(0) + (36)}$

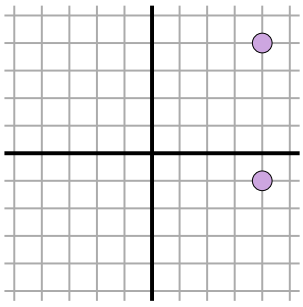
4)



$\sqrt{(3--1)^2 + (5-5)^2}$

$\sqrt{(16) + (0)}$

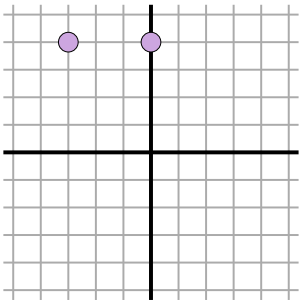
5)



$\sqrt{(4-4)^2 + (4--1)^2}$

$\sqrt{(0) + (25)}$

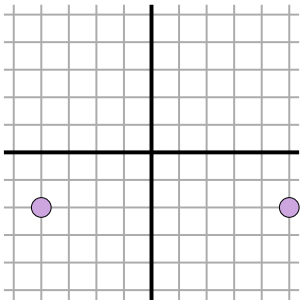
6)



$\sqrt{(-3-0)^2 + (4-4)^2}$

$\sqrt{(9) + (0)}$

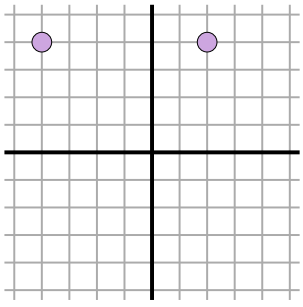
7)



$\sqrt{(-4-5)^2 + (-2--2)^2}$

$\sqrt{(81) + (0)}$

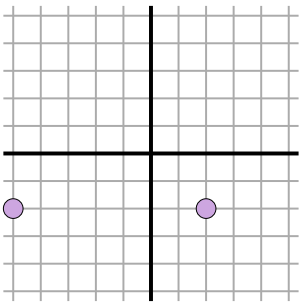
8)



$\sqrt{(-4-2)^2 + (4-4)^2}$

$\sqrt{(36) + (0)}$

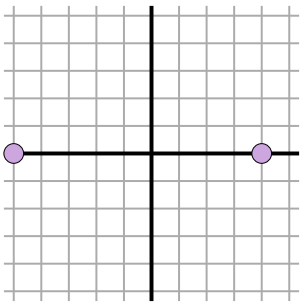
9)



$\sqrt{(2--5)^2 + (-2--2)^2}$

$\sqrt{(49) + (0)}$

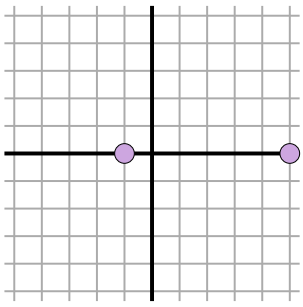
10)



$\sqrt{(-5-4)^2 + (0-0)^2}$

$\sqrt{(81) + (0)}$

11)



$\sqrt{(-1-5)^2 + (0-0)^2}$

$\sqrt{(36) + (0)}$

Antworten

Bsp. **9**

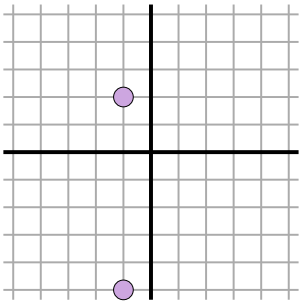
1. **8**
2. **7**
3. **6**
4. **4**
5. **5**
6. **3**
7. **9**
8. **6**
9. **7**
10. **9**
11. **6**

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

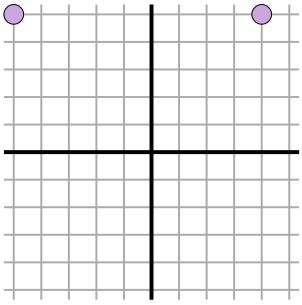
Abstand in einem Koordinatensystem finden Name:

Finde die Distanz zwischen zwei Punkten.

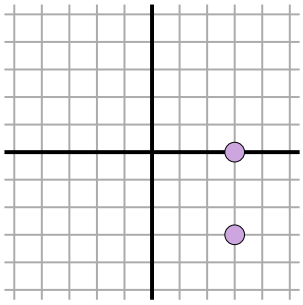
Bsp)



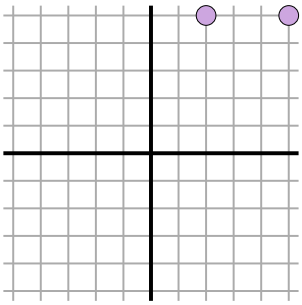
1)



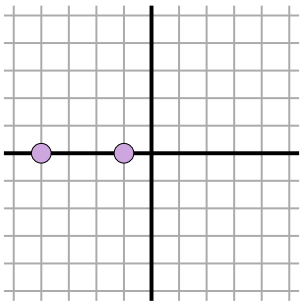
2)



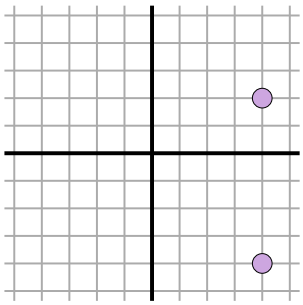
3)



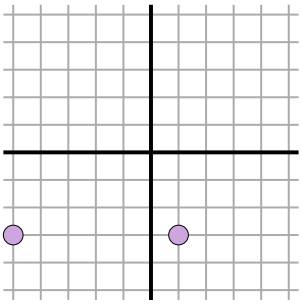
4)



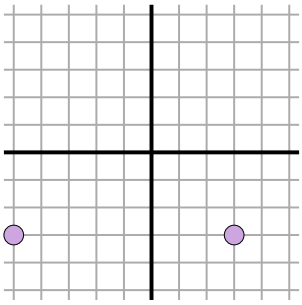
5)



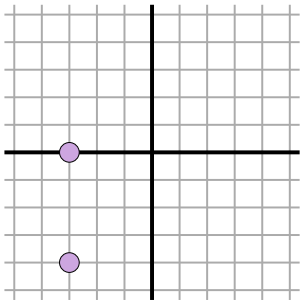
6)



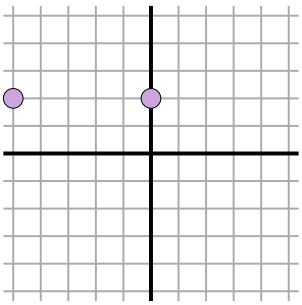
7)



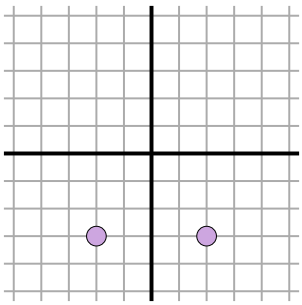
8)



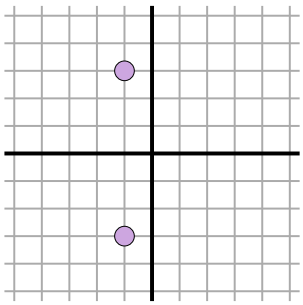
9)



10)



11)



Antworten

Bsp. 7

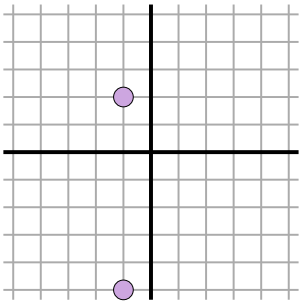
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Abstand in einem Koordinatensystem finden Name: **Lösungsschlüssel**

Finde die Distanz zwischen zwei Punkten.

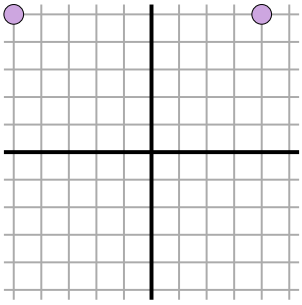
Bsp)



$\sqrt{(-1--1)^2 + (-5-2)^2}$

$\sqrt{(0) + (49)}$

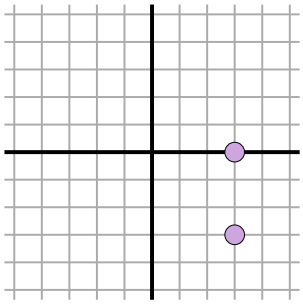
1)



$\sqrt{(-5-4)^2 + (5-5)^2}$

$\sqrt{(81) + (0)}$

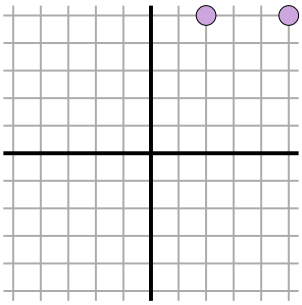
2)



$\sqrt{(3-3)^2 + (-3-0)^2}$

$\sqrt{(0) + (9)}$

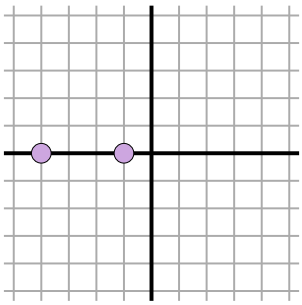
3)



$\sqrt{(5-2)^2 + (5-5)^2}$

$\sqrt{(9) + (0)}$

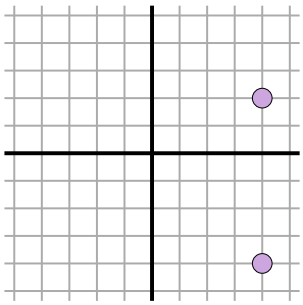
4)



$\sqrt{(-4--1)^2 + (0-0)^2}$

$\sqrt{(9) + (0)}$

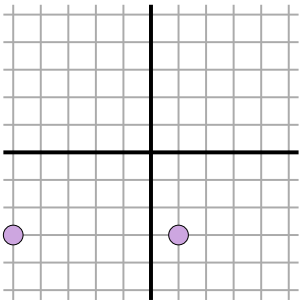
5)



$\sqrt{(4-4)^2 + (2--4)^2}$

$\sqrt{(0) + (36)}$

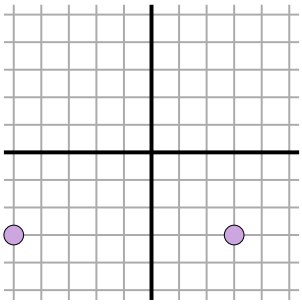
6)



$\sqrt{(1--5)^2 + (-3--3)^2}$

$\sqrt{(36) + (0)}$

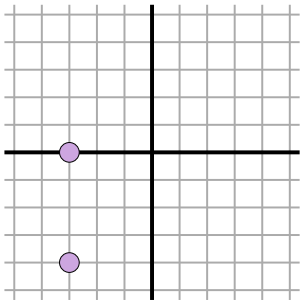
7)



$\sqrt{(-5-3)^2 + (-3--3)^2}$

$\sqrt{(64) + (0)}$

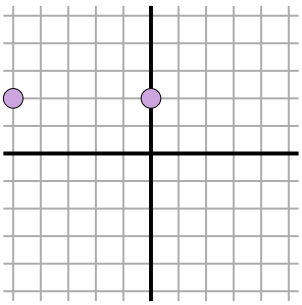
8)



$\sqrt{(-3--3)^2 + (0--4)^2}$

$\sqrt{(0) + (16)}$

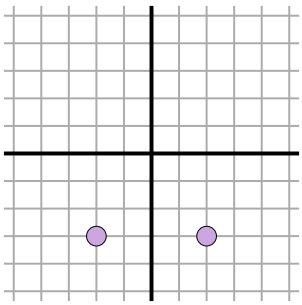
9)



$\sqrt{(-5-0)^2 + (2-2)^2}$

$\sqrt{(25) + (0)}$

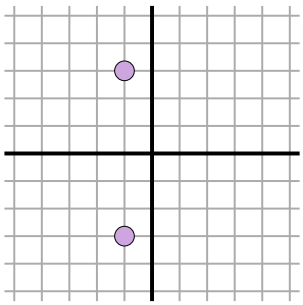
10)



$\sqrt{(-2-2)^2 + (-3--3)^2}$

$\sqrt{(16) + (0)}$

11)



$\sqrt{(-1--1)^2 + (3--3)^2}$

$\sqrt{(0) + (36)}$

Antworten

Bsp. 7

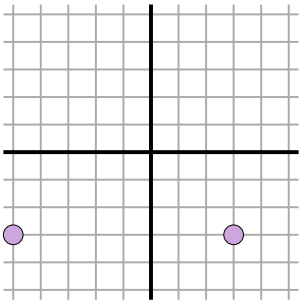
1. 9
2. 3
3. 3
4. 3
5. 6
6. 6
7. 8
8. 4
9. 5
10. 4
11. 6

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

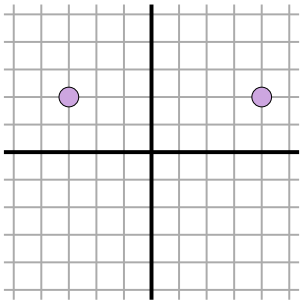
Abstand in einem Koordinatensystem finden Name:

Finde die Distanz zwischen zwei Punkten.

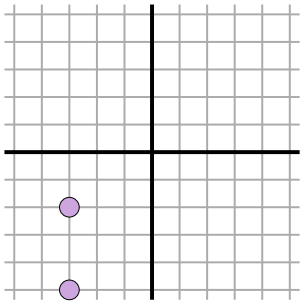
Bsp)



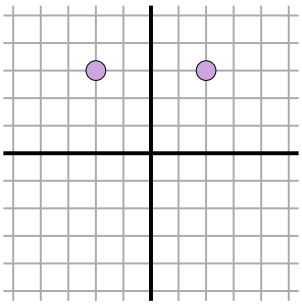
1)



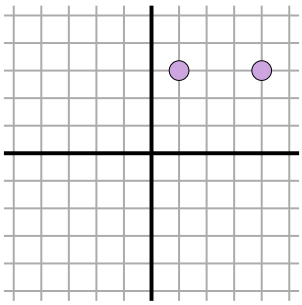
2)



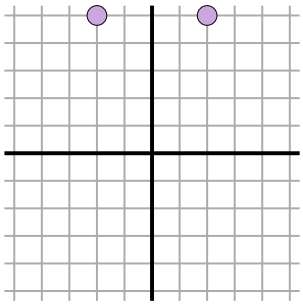
3)



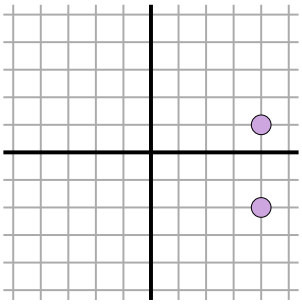
4)



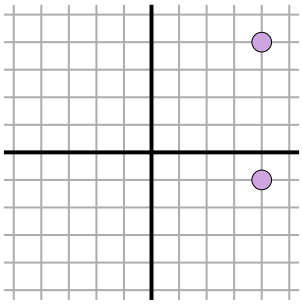
5)



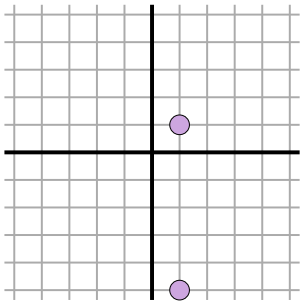
6)



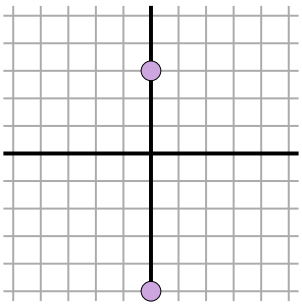
7)



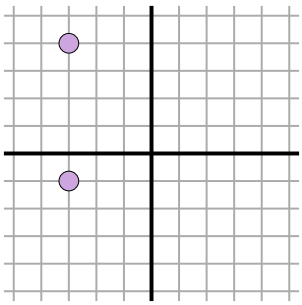
8)



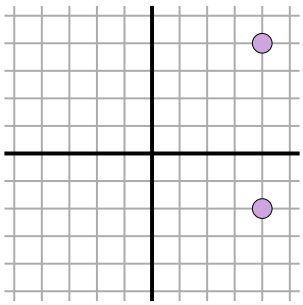
9)



10)



11)



Antworten

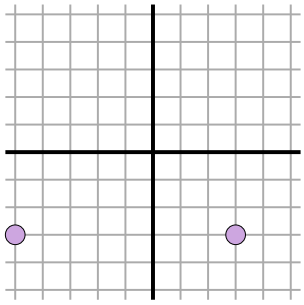
Bsp. 8

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finde die Distanz zwischen zwei Punkten.

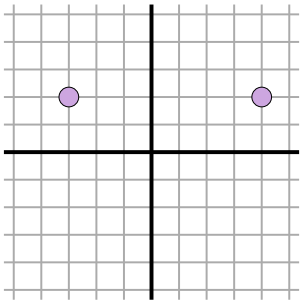
Bsp)



$\sqrt{(-5-3)^2 + (-3--3)^2}$

$\sqrt{(64) + (0)}$

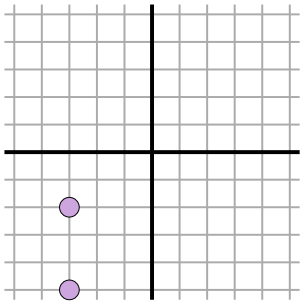
1)



$\sqrt{(-3-4)^2 + (2-2)^2}$

$\sqrt{(49) + (0)}$

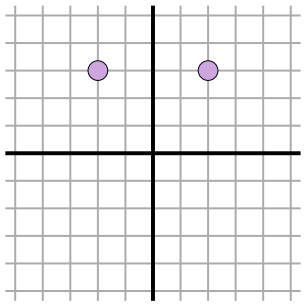
2)



$\sqrt{(-3--3)^2 + (-2--5)^2}$

$\sqrt{(0) + (9)}$

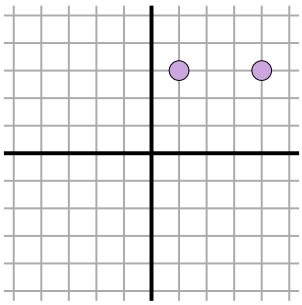
3)



$\sqrt{(2--2)^2 + (3-3)^2}$

$\sqrt{(16) + (0)}$

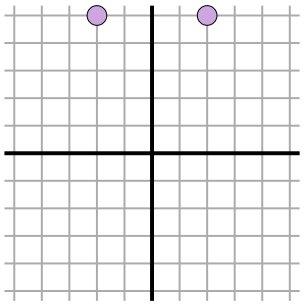
4)



$\sqrt{(1-4)^2 + (3-3)^2}$

$\sqrt{(9) + (0)}$

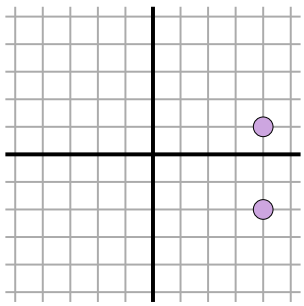
5)



$\sqrt{(-2-2)^2 + (5-5)^2}$

$\sqrt{(16) + (0)}$

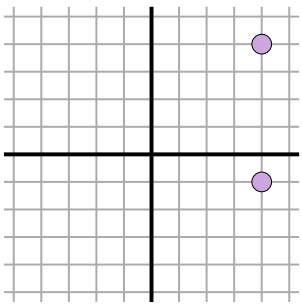
6)



$\sqrt{(4-4)^2 + (1--2)^2}$

$\sqrt{(0) + (9)}$

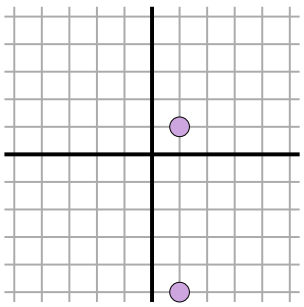
7)



$\sqrt{(4-4)^2 + (-1-4)^2}$

$\sqrt{(0) + (25)}$

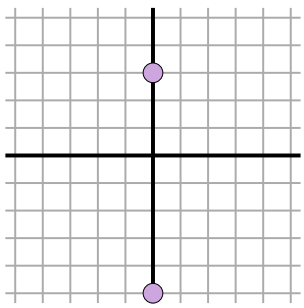
8)



$\sqrt{(1-1)^2 + (1--5)^2}$

$\sqrt{(0) + (36)}$

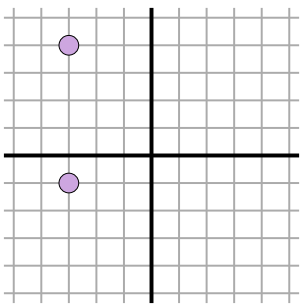
9)



$\sqrt{(0-0)^2 + (3--5)^2}$

$\sqrt{(0) + (64)}$

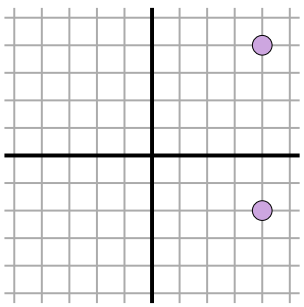
10)



$\sqrt{(-3--3)^2 + (4--1)^2}$

$\sqrt{(0) + (25)}$

11)



$\sqrt{(4-4)^2 + (4--2)^2}$

$\sqrt{(0) + (36)}$

Antworten

Bsp. **8**

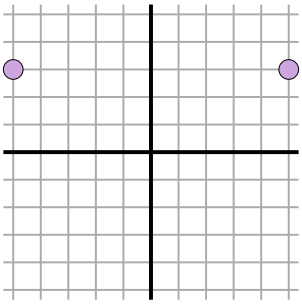
1. **7**
2. **3**
3. **4**
4. **3**
5. **4**
6. **3**
7. **5**
8. **6**
9. **8**
10. **5**
11. **6**

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

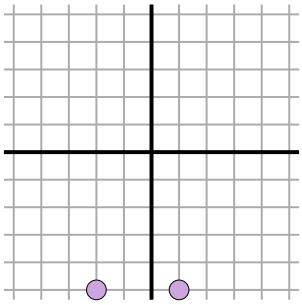
Abstand in einem Koordinatensystem finden Name:

Finde die Distanz zwischen zwei Punkten.

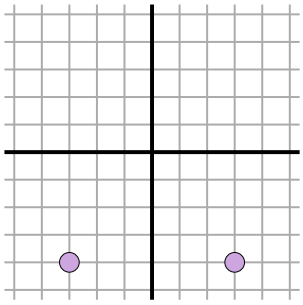
Bsp)



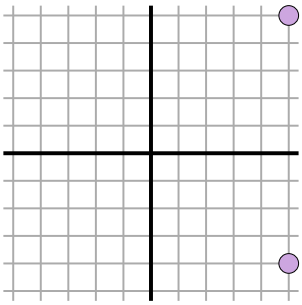
1)



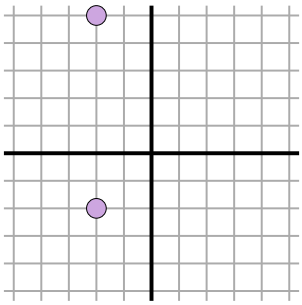
2)



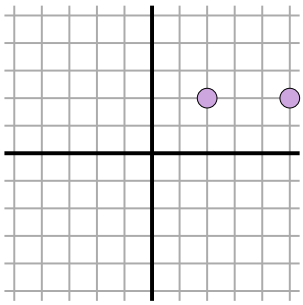
3)



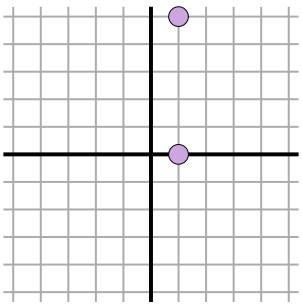
4)



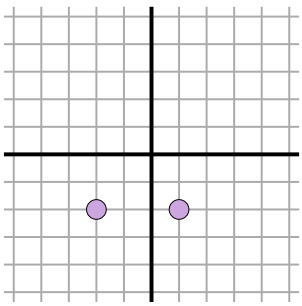
5)



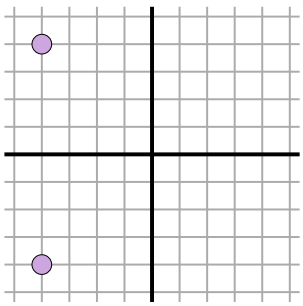
6)



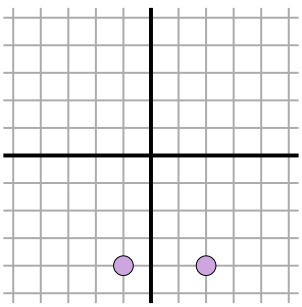
7)



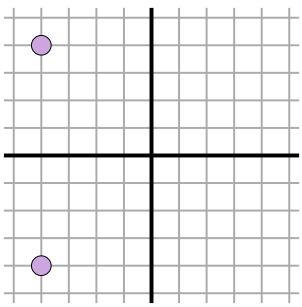
8)



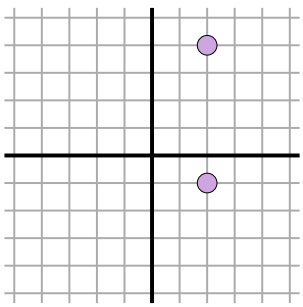
9)



10)



11)



Antworten

Bsp. 10

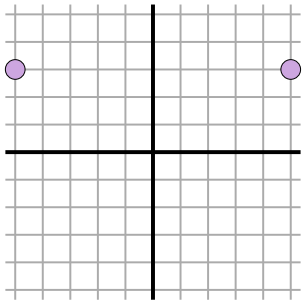
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Abstand in einem Koordinatensystem finden Name: **Lösungsschlüssel**

Finde die Distanz zwischen zwei Punkten.

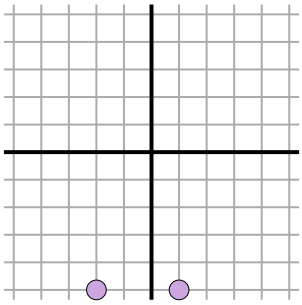
Bsp)



$\sqrt{(-5-5)^2 + (3-3)^2}$

$\sqrt{(100) + (0)}$

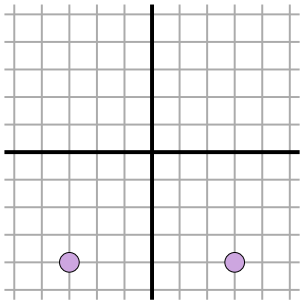
1)



$\sqrt{(1--2)^2 + (-5--5)^2}$

$\sqrt{(9) + (0)}$

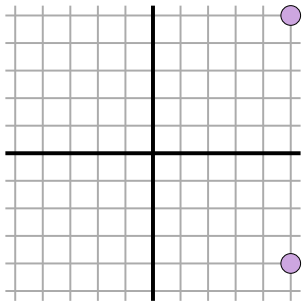
2)



$\sqrt{(-3-3)^2 + (-4--4)^2}$

$\sqrt{(36) + (0)}$

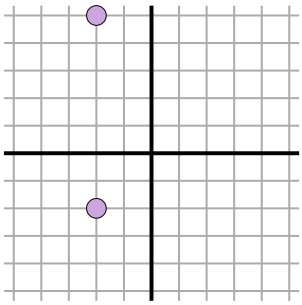
3)



$\sqrt{(5-5)^2 + (5--4)^2}$

$\sqrt{(0) + (81)}$

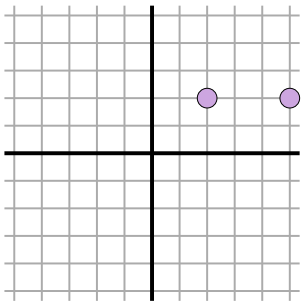
4)



$\sqrt{(-2--2)^2 + (5--2)^2}$

$\sqrt{(0) + (49)}$

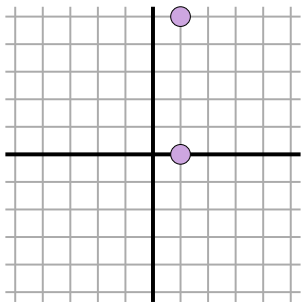
5)



$\sqrt{(5-2)^2 + (2-2)^2}$

$\sqrt{(9) + (0)}$

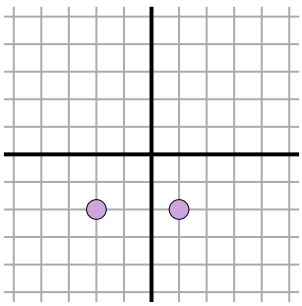
6)



$\sqrt{(1-1)^2 + (0-5)^2}$

$\sqrt{(0) + (25)}$

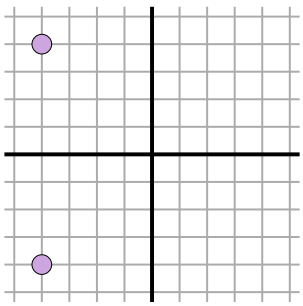
7)



$\sqrt{(1--2)^2 + (-2--2)^2}$

$\sqrt{(9) + (0)}$

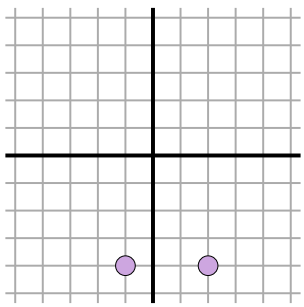
8)



$\sqrt{(-4--4)^2 + (-4-4)^2}$

$\sqrt{(0) + (64)}$

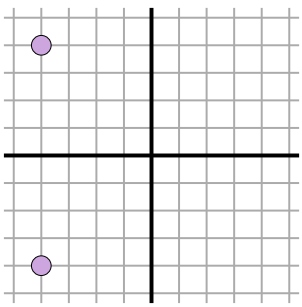
9)



$\sqrt{(-1-2)^2 + (-4--4)^2}$

$\sqrt{(9) + (0)}$

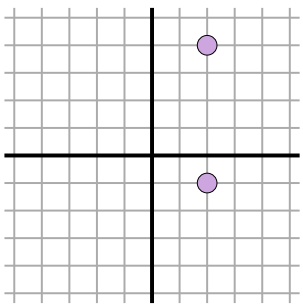
10)



$\sqrt{(-4--4)^2 + (4--4)^2}$

$\sqrt{(0) + (64)}$

11)



$\sqrt{(2-2)^2 + (4--1)^2}$

$\sqrt{(0) + (25)}$

Antworten

Bsp. 10

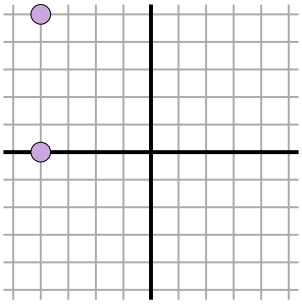
1. 3
2. 6
3. 9
4. 7
5. 3
6. 5
7. 3
8. 8
9. 3
10. 8
11. 5

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

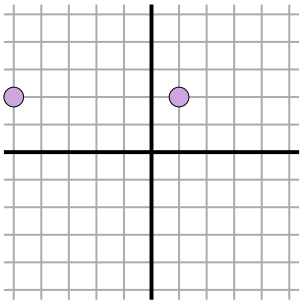
Abstand in einem Koordinatensystem finden Name:

Finde die Distanz zwischen zwei Punkten.

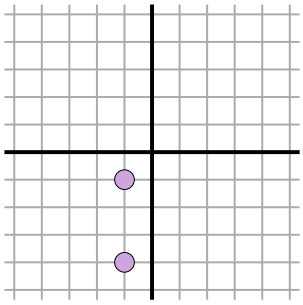
Bsp)



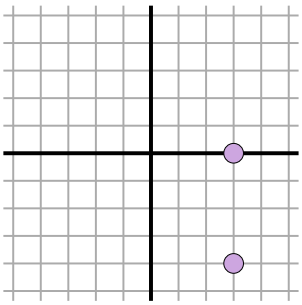
1)



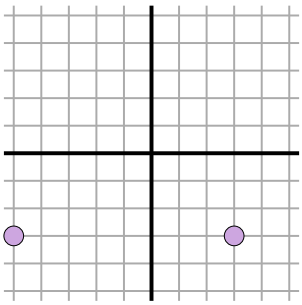
2)



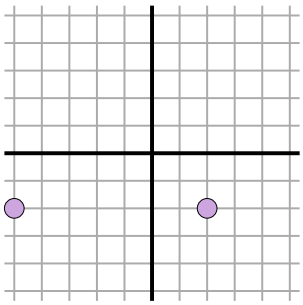
3)



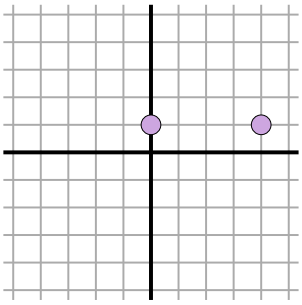
4)



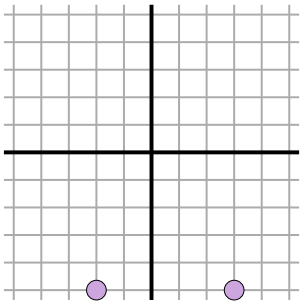
5)



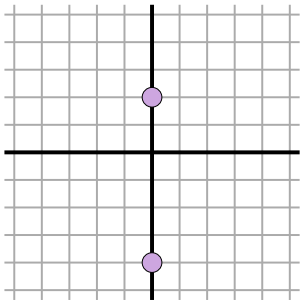
6)



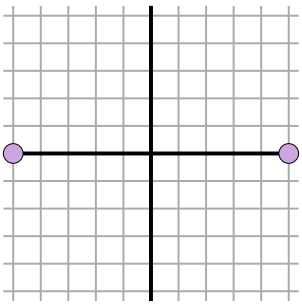
7)



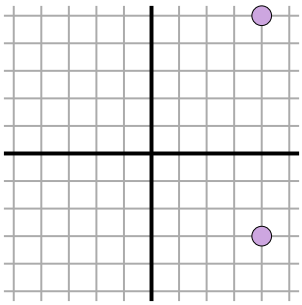
8)



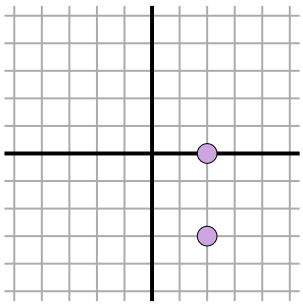
9)



10)



11)



Antworten

Bsp. 5

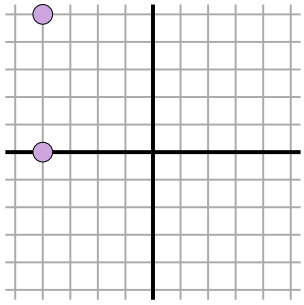
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Abstand in einem Koordinatensystem finden Name: **Lösungsschlüssel**

Finde die Distanz zwischen zwei Punkten.

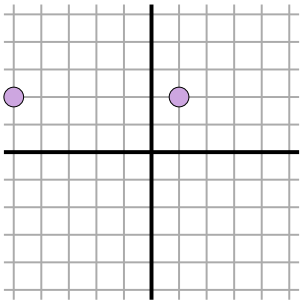
Bsp)



$\sqrt{(-4--4)^2 + (5-0)^2}$

$\sqrt{(0) + (25)}$

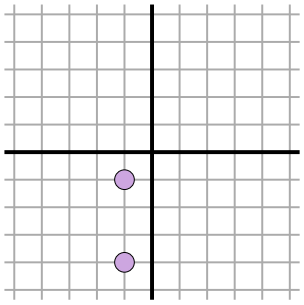
1)



$\sqrt{(-5-1)^2 + (2-2)^2}$

$\sqrt{(36) + (0)}$

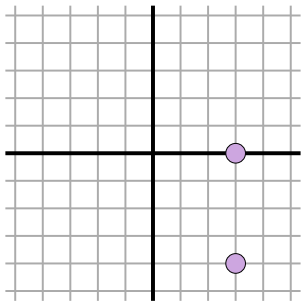
2)



$\sqrt{(-1--1)^2 + (-1--4)^2}$

$\sqrt{(0) + (9)}$

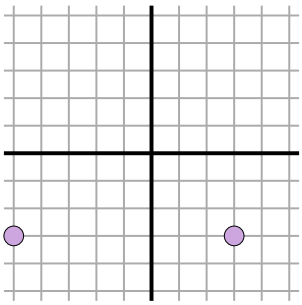
3)



$\sqrt{(3-3)^2 + (0--4)^2}$

$\sqrt{(0) + (16)}$

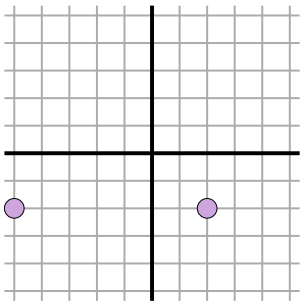
4)



$\sqrt{(-5-3)^2 + (-3--3)^2}$

$\sqrt{(64) + (0)}$

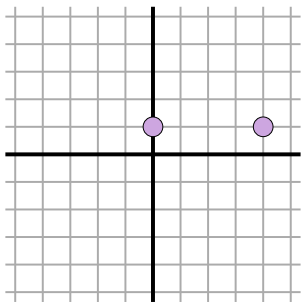
5)



$\sqrt{(2--5)^2 + (-2--2)^2}$

$\sqrt{(49) + (0)}$

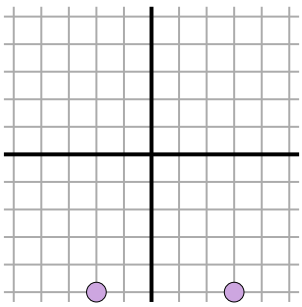
6)



$\sqrt{(0-4)^2 + (1-1)^2}$

$\sqrt{(16) + (0)}$

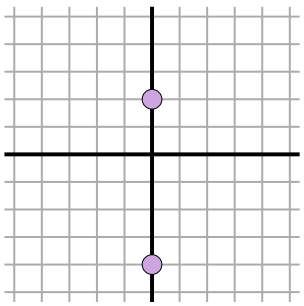
7)



$\sqrt{(3--2)^2 + (-5--5)^2}$

$\sqrt{(25) + (0)}$

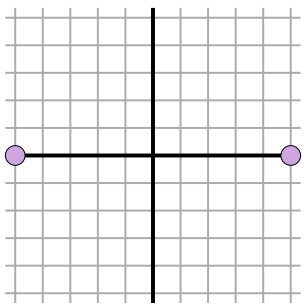
8)



$\sqrt{(0-0)^2 + (2--4)^2}$

$\sqrt{(0) + (36)}$

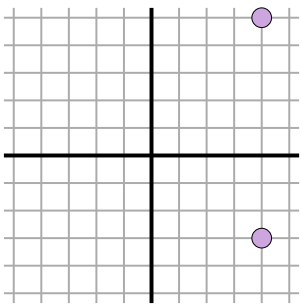
9)



$\sqrt{(5--5)^2 + (0-0)^2}$

$\sqrt{(100) + (0)}$

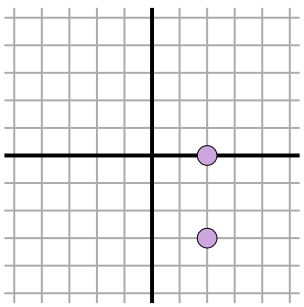
10)



$\sqrt{(4-4)^2 + (-3-5)^2}$

$\sqrt{(0) + (64)}$

11)



$\sqrt{(2-2)^2 + (0--3)^2}$

$\sqrt{(0) + (9)}$

Antworten

Bsp. 5

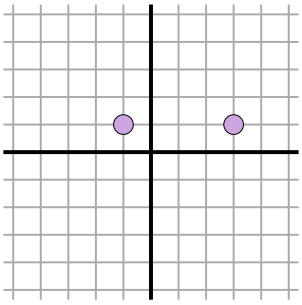
1. 6
2. 3
3. 4
4. 8
5. 7
6. 4
7. 5
8. 6
9. 10
10. 8
11. 3

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

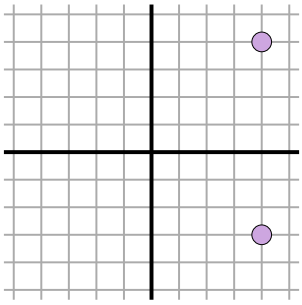
Abstand in einem Koordinatensystem finden Name:

Finde die Distanz zwischen zwei Punkten.

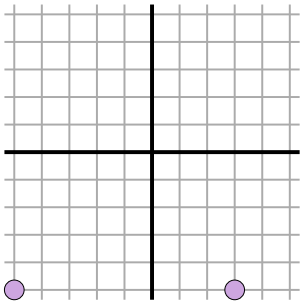
Bsp)



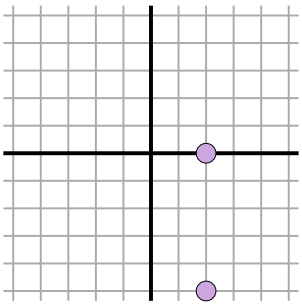
1)



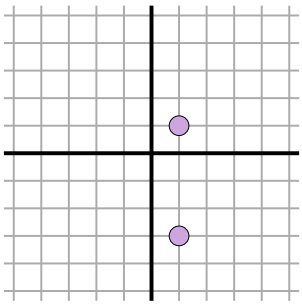
2)



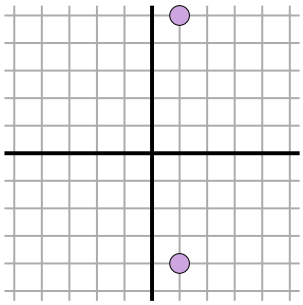
3)



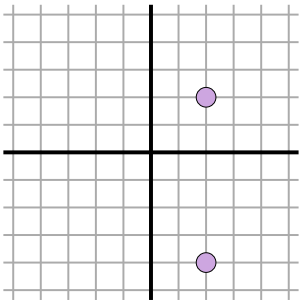
4)



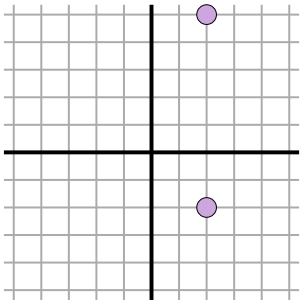
5)



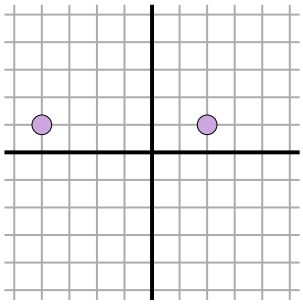
6)



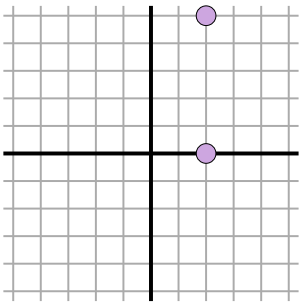
7)



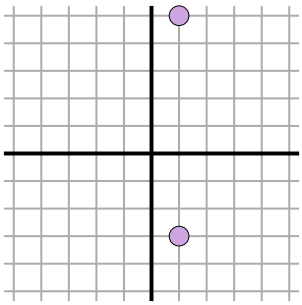
8)



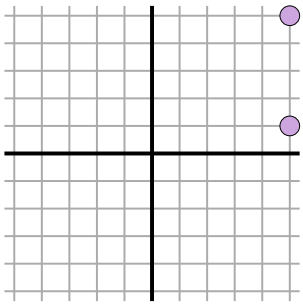
9)



10)



11)



Antworten

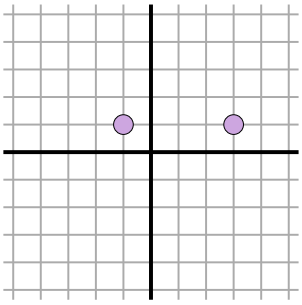
Bsp. 4

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____

1-10	91	82	73	64	55	45	36	27	18	9
11	0									

Finde die Distanz zwischen zwei Punkten.

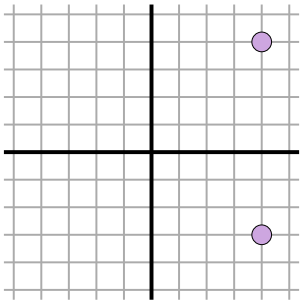
Bsp)



$\sqrt{(-1-3)^2 + (1-1)^2}$

$\sqrt{(16) + (0)}$

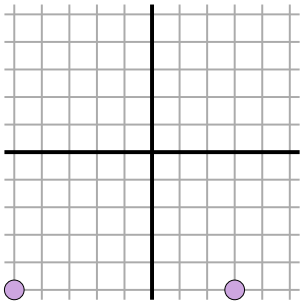
1)



$\sqrt{(4-4)^2 + (4--3)^2}$

$\sqrt{(0) + (49)}$

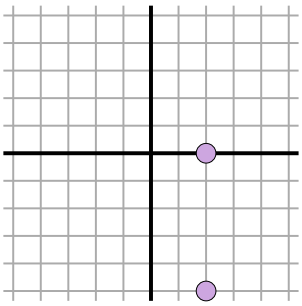
2)



$\sqrt{(3--5)^2 + (-5--5)^2}$

$\sqrt{(64) + (0)}$

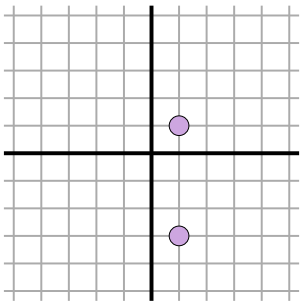
3)



$\sqrt{(2-2)^2 + (0--5)^2}$

$\sqrt{(0) + (25)}$

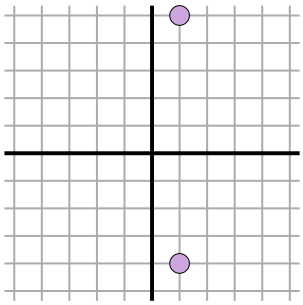
4)



$\sqrt{(1-1)^2 + (-3-1)^2}$

$\sqrt{(0) + (16)}$

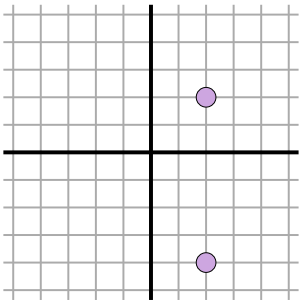
5)



$\sqrt{(1-1)^2 + (-4-5)^2}$

$\sqrt{(0) + (81)}$

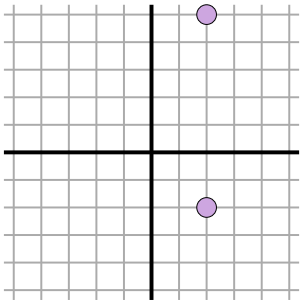
6)



$\sqrt{(2-2)^2 + (2--4)^2}$

$\sqrt{(0) + (36)}$

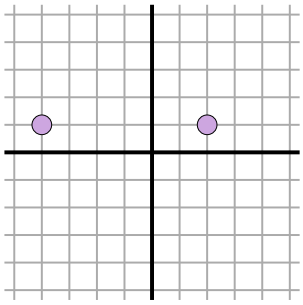
7)



$\sqrt{(2-2)^2 + (5--2)^2}$

$\sqrt{(0) + (49)}$

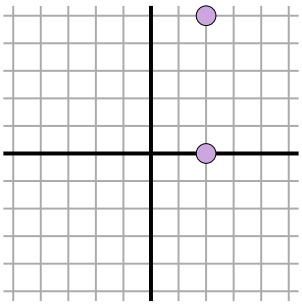
8)



$\sqrt{(-4-2)^2 + (1-1)^2}$

$\sqrt{(36) + (0)}$

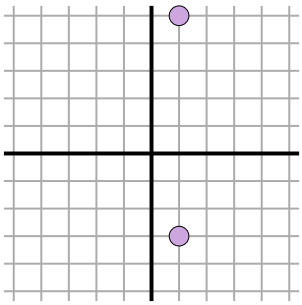
9)



$\sqrt{(2-2)^2 + (5-0)^2}$

$\sqrt{(0) + (25)}$

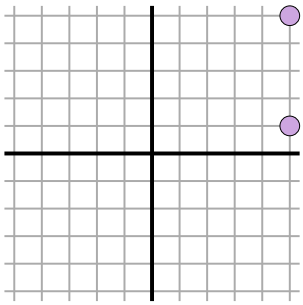
10)



$\sqrt{(1-1)^2 + (-3-5)^2}$

$\sqrt{(0) + (64)}$

11)



$\sqrt{(5-5)^2 + (1-5)^2}$

$\sqrt{(0) + (16)}$

Antworten

Bsp. 4

1. 7
2. 8
3. 5
4. 4
5. 9
6. 6
7. 7
8. 6
9. 5
10. 8
11. 4

1-10	91	82	73	64	55	45	36	27	18	9
11	0									