Funktionen identifizieren (Grafiken) Name:

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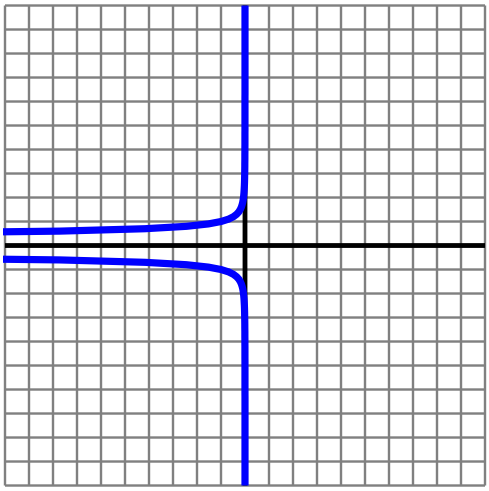
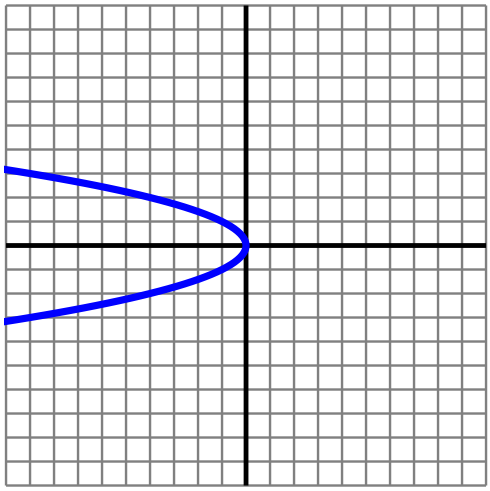
1)



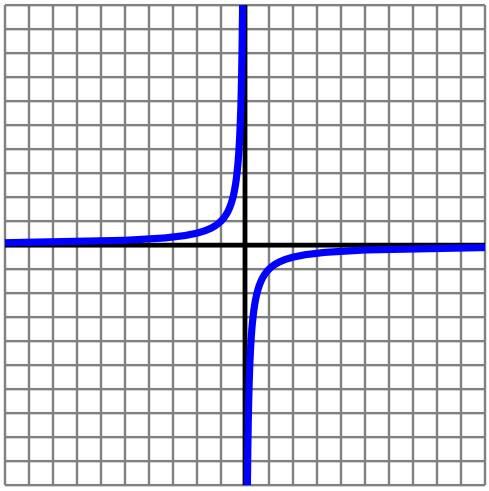
$y^{-4} = -x$

2)



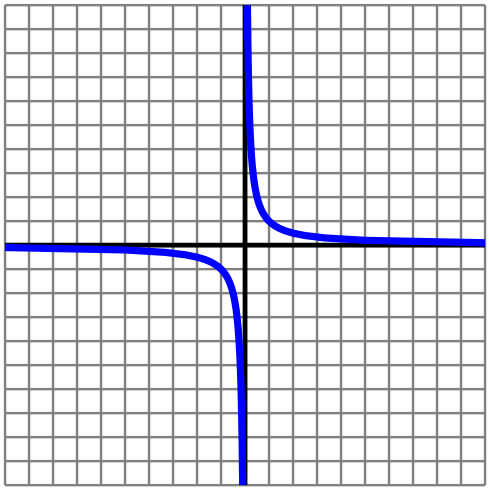
$y^{2} = -x$

3)



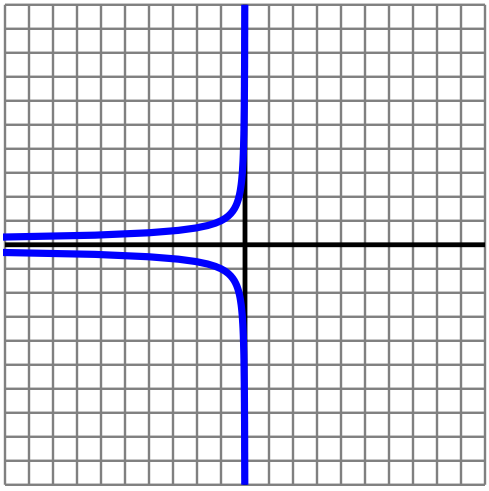
$y^{-1} = -x$

4)



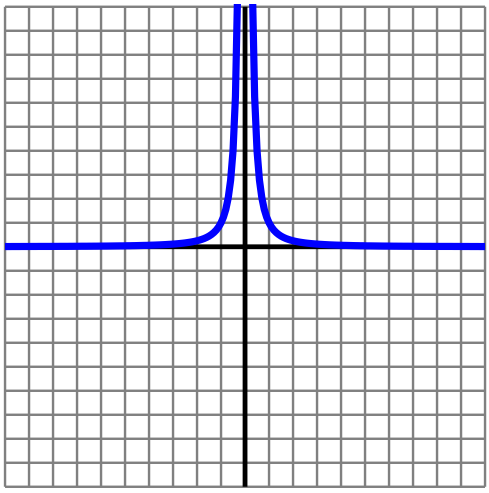
$x = y^{-1}$

5)



$y^{-2} = -x$

6)



$y = x^{-2}$

Antworten

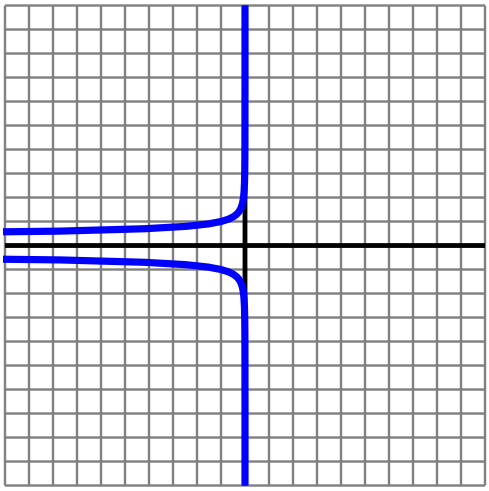
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name: **Lösungsschlüssel**

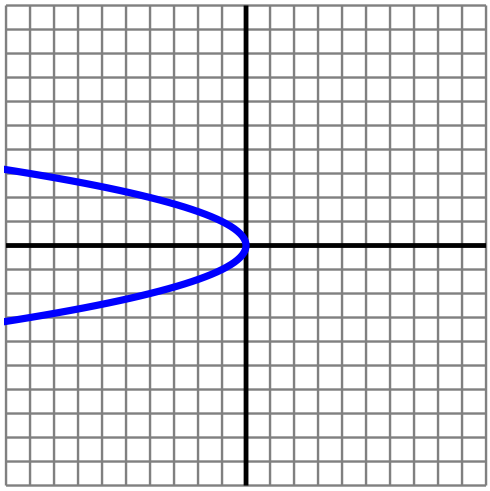
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



$y^{-4} = -x$

2)



$y^{2} = -x$

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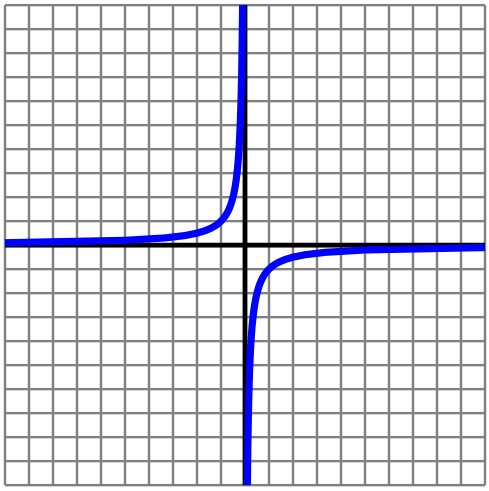

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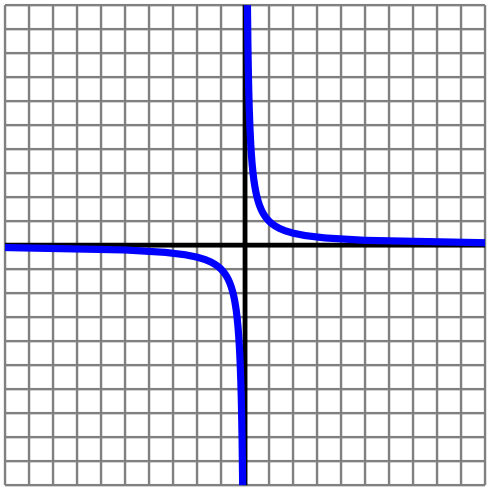
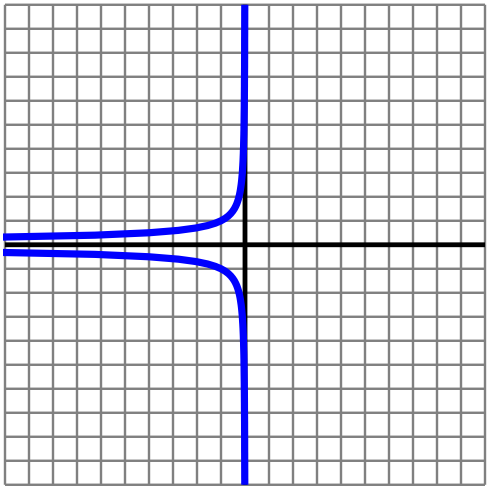


$x = y^{-1}$

5)



$y^{-2} = -x$

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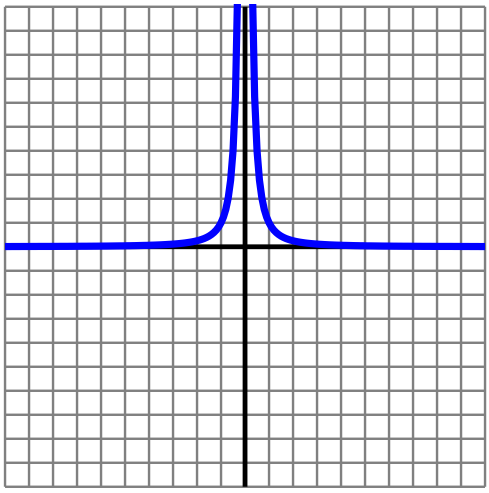


$y = x^{-2}$

Antworten

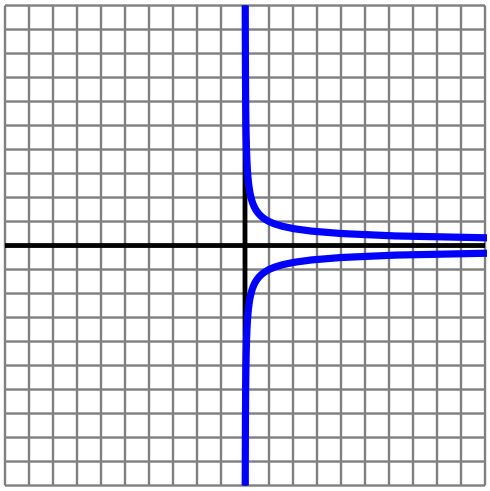
1. **nein**
2. **nein**
3. **ja**
4. **ja**
5. **nein**
6. **ja**

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name:

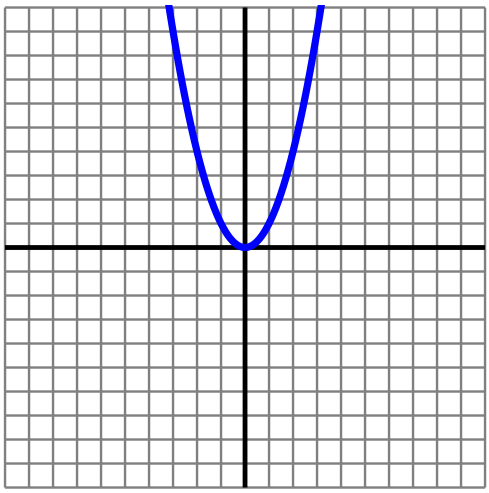
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



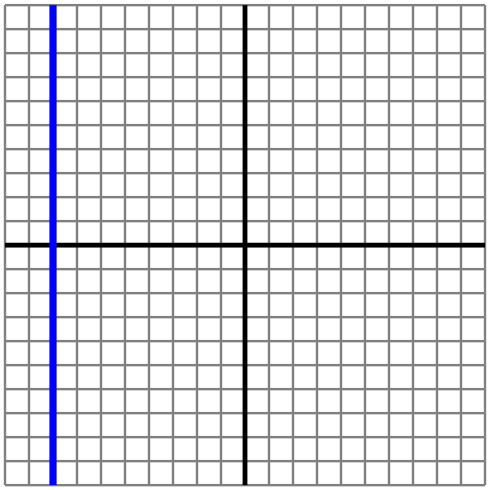
$x = {}^{1}\!/_{y^2}$

2)



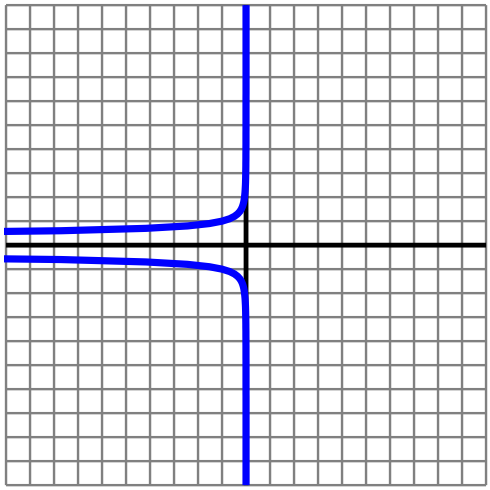
$y = x^2$

3)



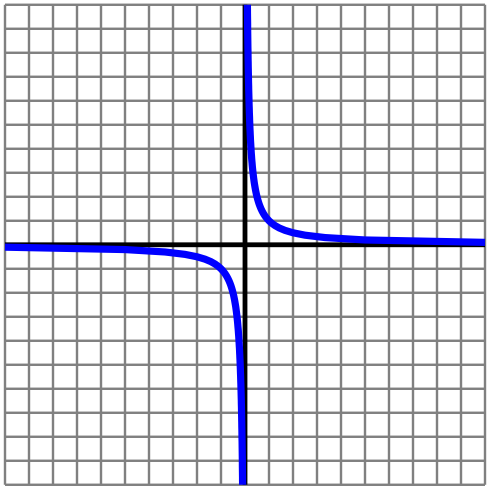
$x = -8$

4)



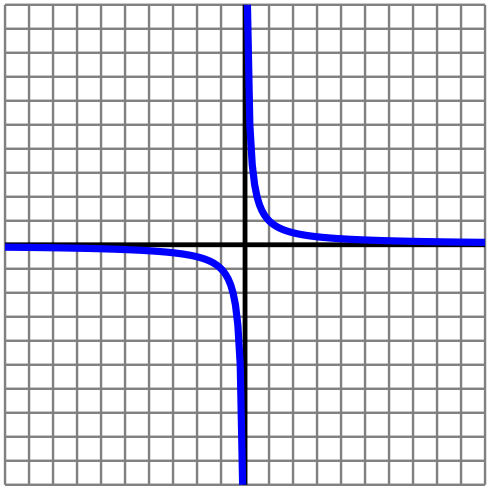
$y^{-4} = -x$

5)



$x = 1/y$

6)



$y = 1/x$

Antworten

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name: **Lösungsschlüssel**

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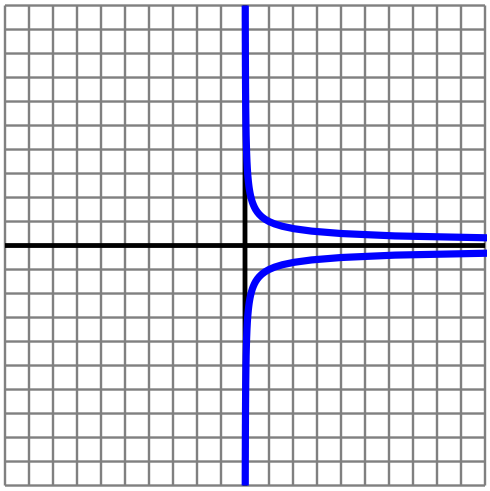
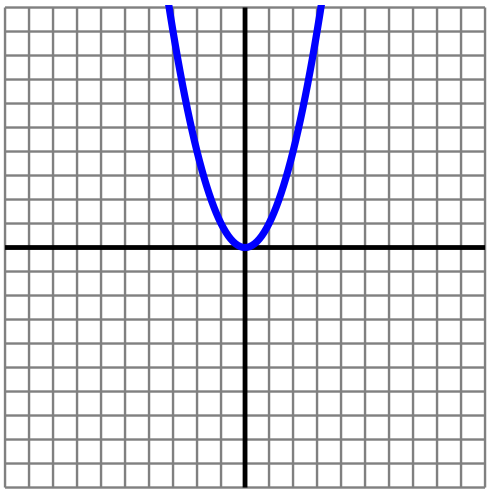
1)



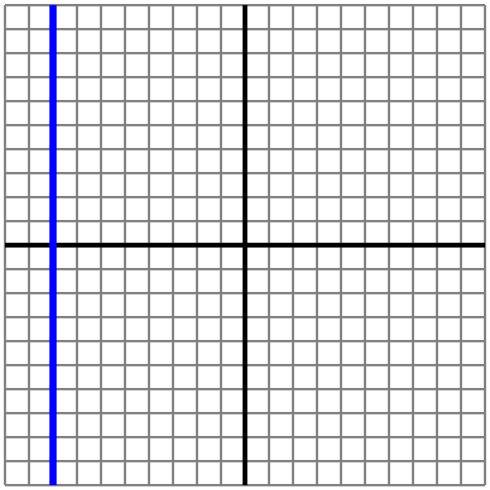
$x = {}^{1}/_{y^2}$

2)



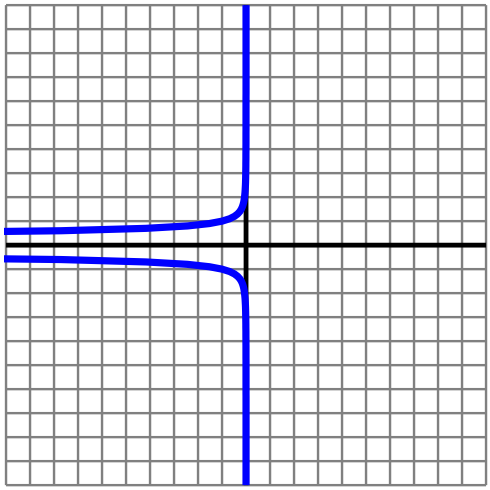
$y = x^2$

3)



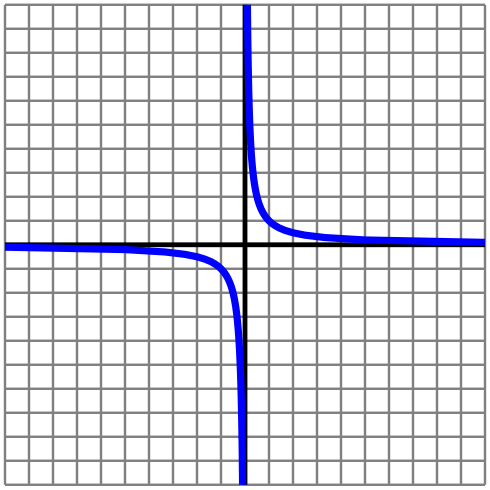
$x = -8$

4)



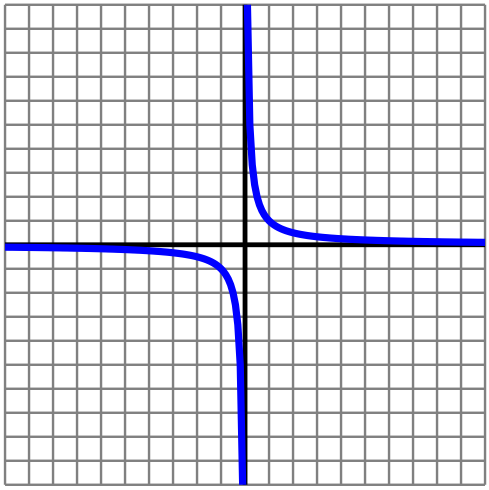
$y^{-4} = -x$

5)



$x = 1/y$

6)



$y = 1/x$

Antworten

1. **nein**
2. **ja**
3. **nein**
4. **nein**
5. **ja**
6. **ja**

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name:

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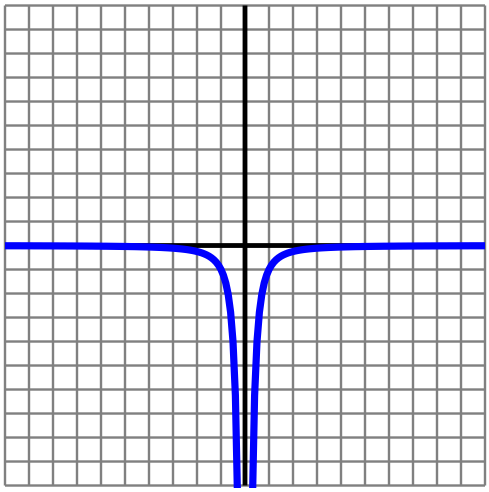
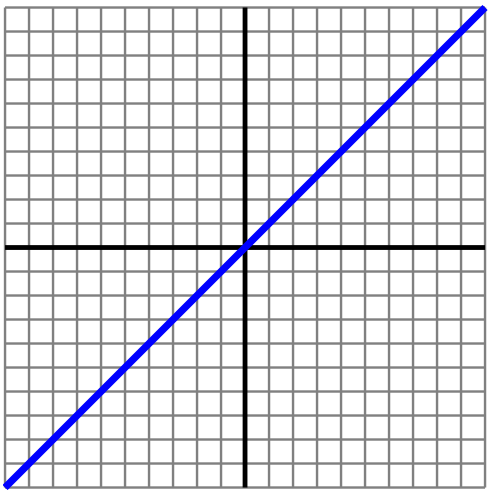
1)



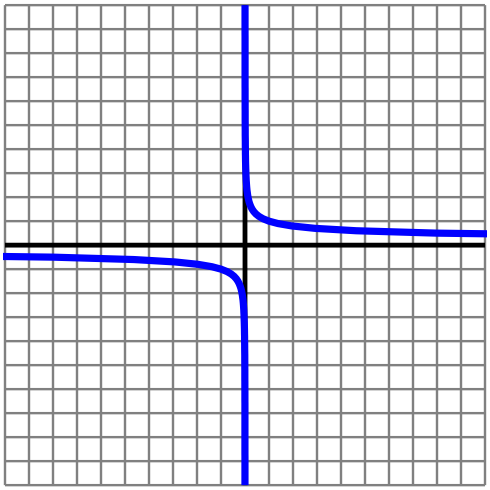
$-y = x^{-2}$

2)



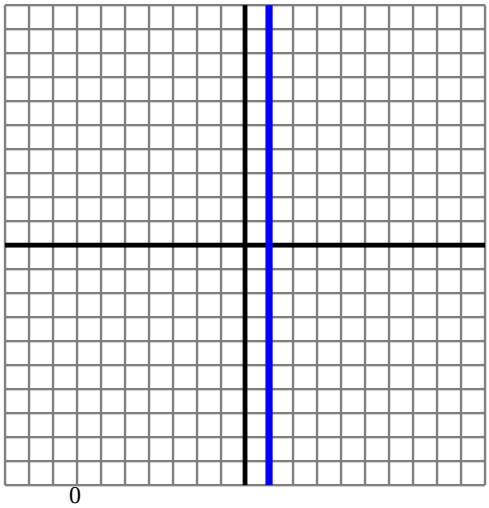
$y = x^{1}$

3)



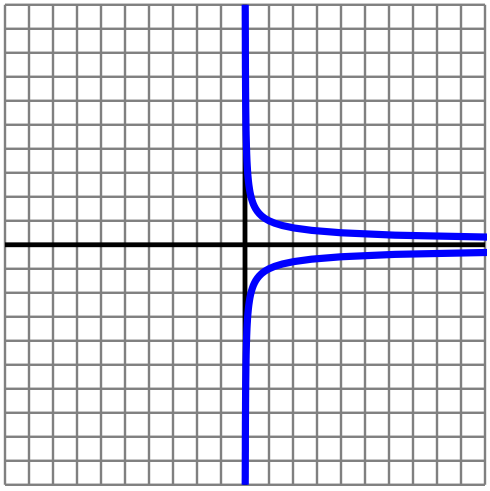
$x = y^{-3}$

4)



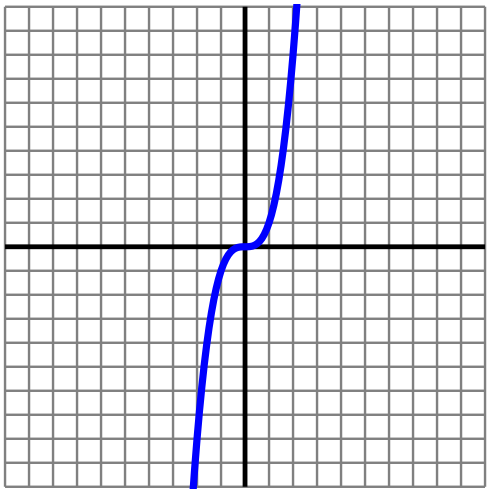
$x = y^{0}$

5)



$x = y^{-2}$

6)



$y = x^{3}$

Antworten

1. _____
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4. _____
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Funktionen identifizieren (Grafiken) Name: **Lösungsschlüssel**

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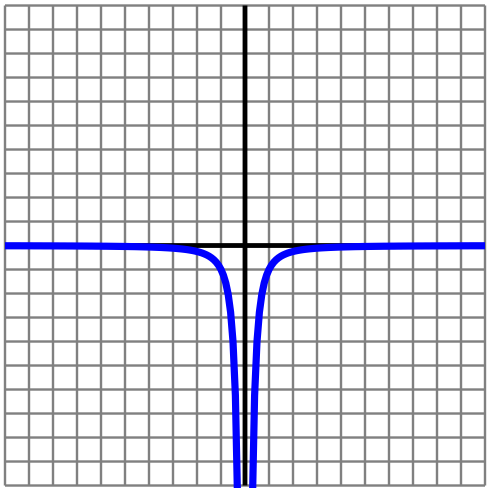
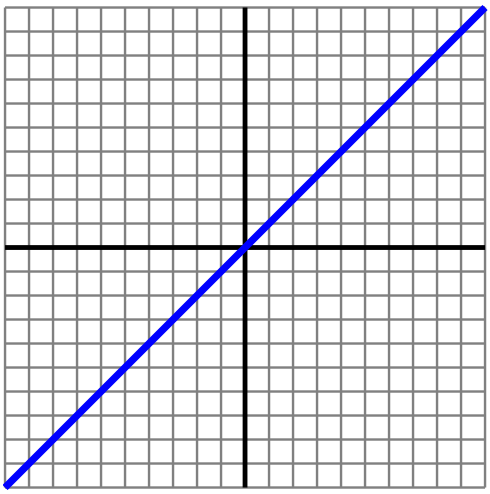


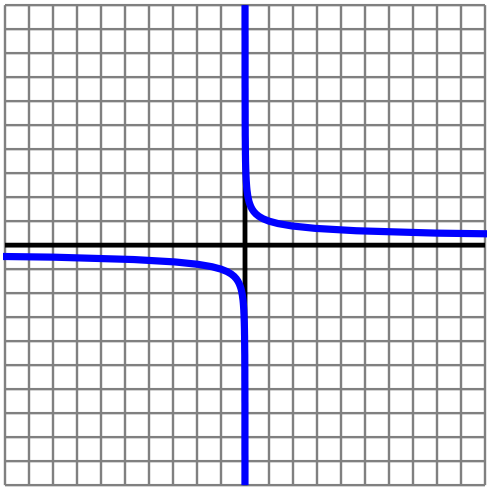
$-y = x^{-2}$

2)



$y = x^{1}$

3)



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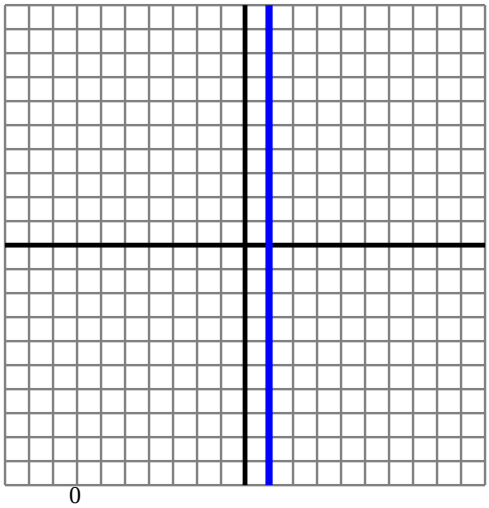
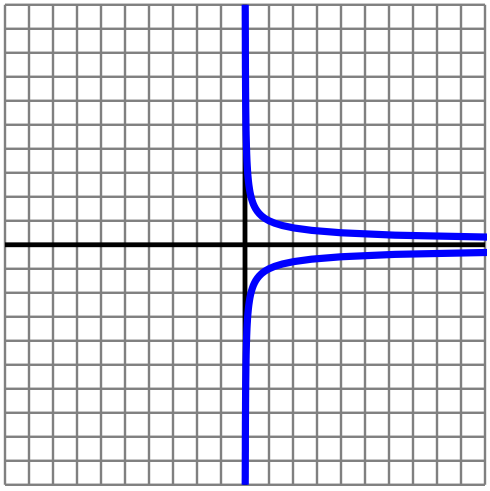


$x = y^{0}$

5)



$x = y^{-2}$

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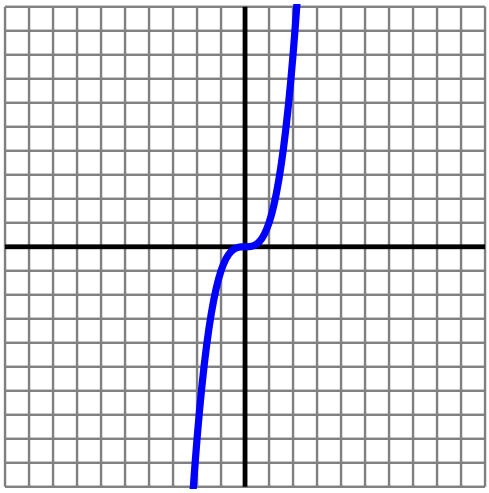

$y = x^{3}$

Antworten

1. **ja**
2. **ja**
3. **ja**
4. **nein**
5. **nein**
6. **ja**

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name:

Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

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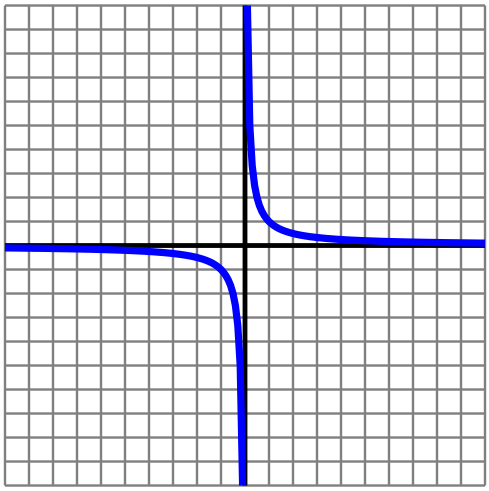
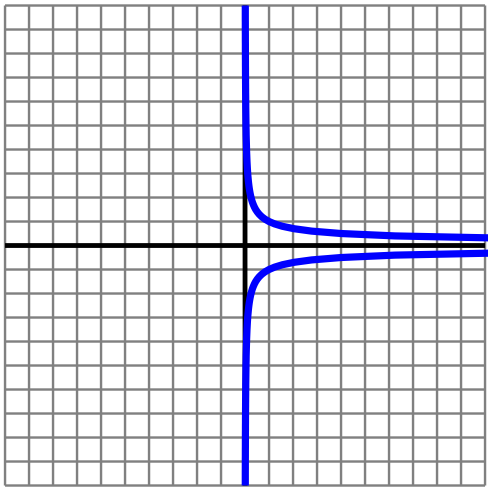


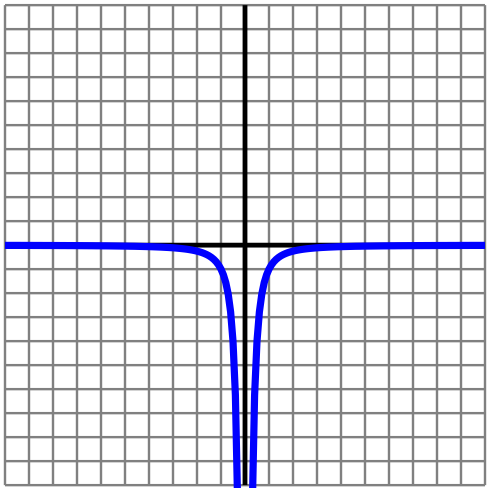
$y = x^{-1}$

2)



$x = {}^{1}/_{y^2}$

3)



$-y = x^{-2}$

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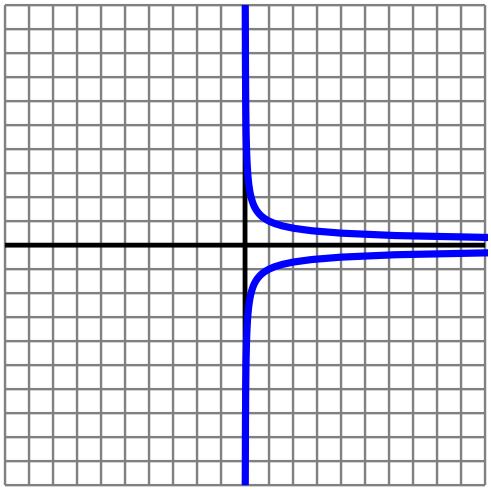

$x = y^{-2}$

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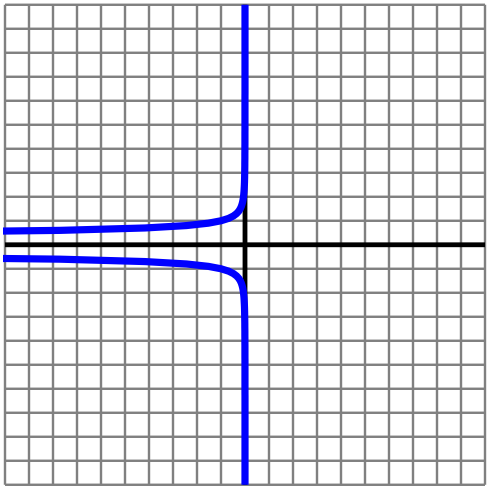
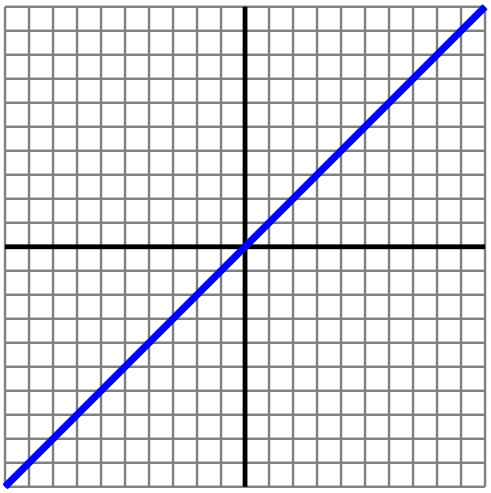


$y^{-4} = -x$

6)



$x = y^{1}$

Antworten

1. _____
2. _____
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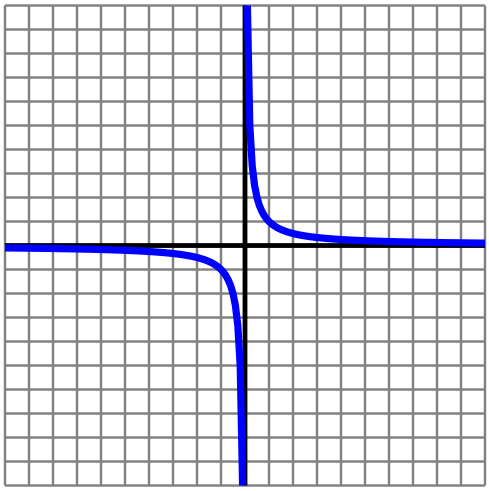
1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name: **Lösungsschlüssel**

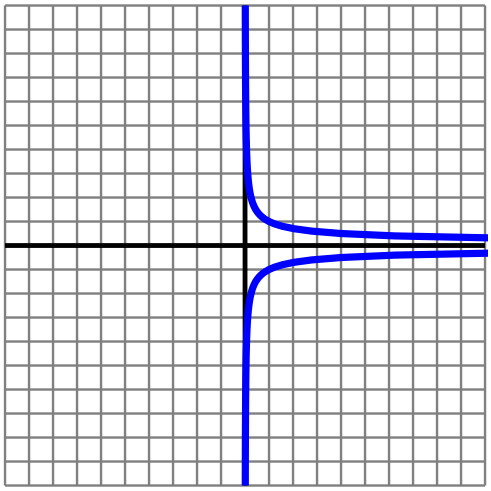
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



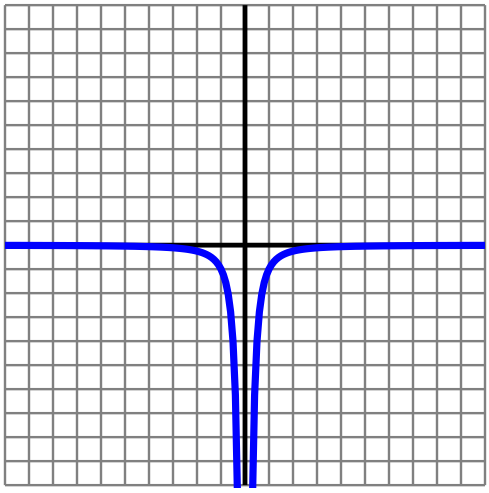
$y = x^{-1}$

2)



$x = {}^{1}/_{y^2}$

3)



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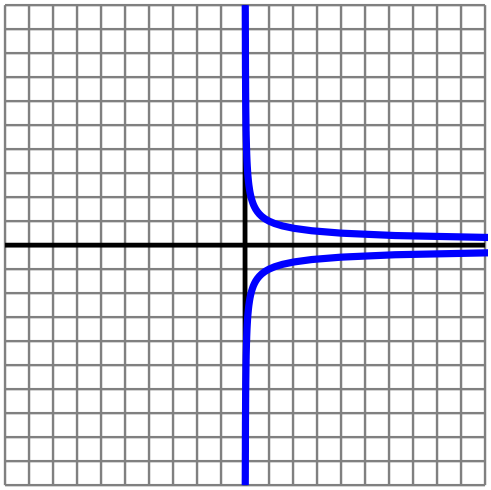
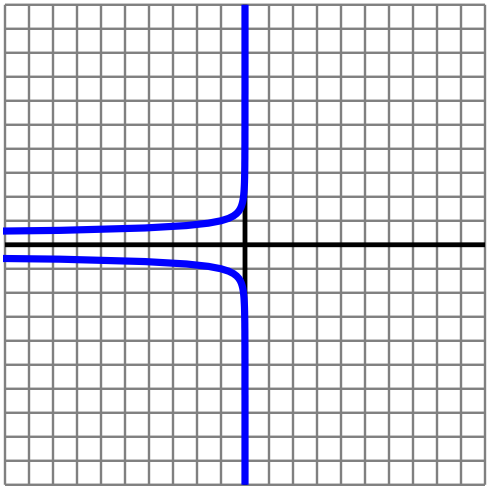


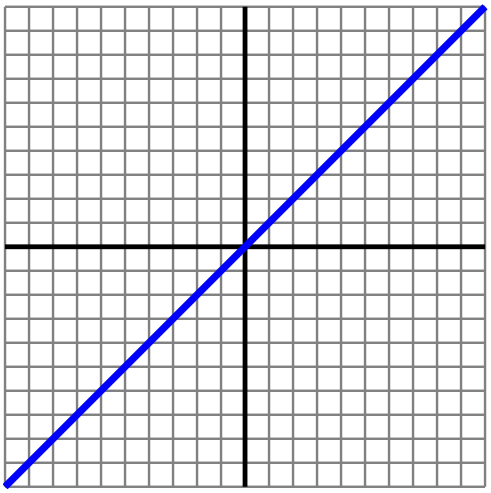
$x = y^{-2}$

5)



$y^{-4} = -x$

6)



$x = y^{1}$

Antworten

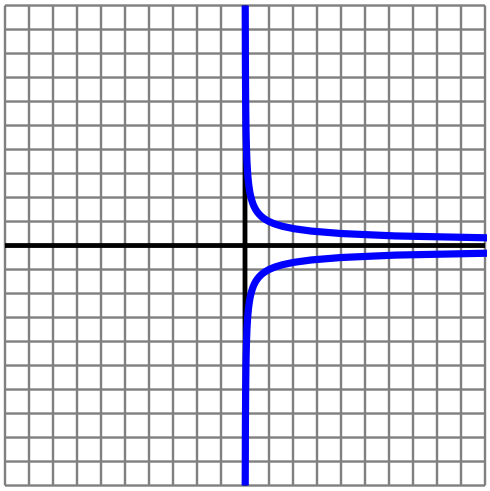
1. **ja**
2. **nein**
3. **ja**
4. **nein**
5. **nein**
6. **ja**

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name:

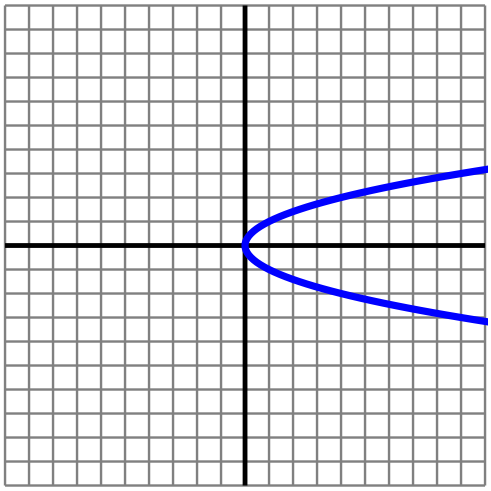
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



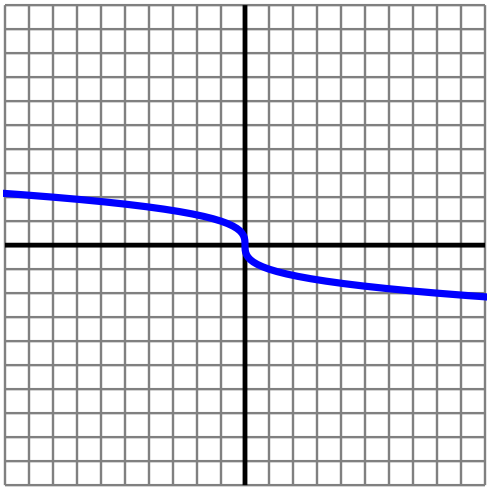
$x = y^{-2}$

2)



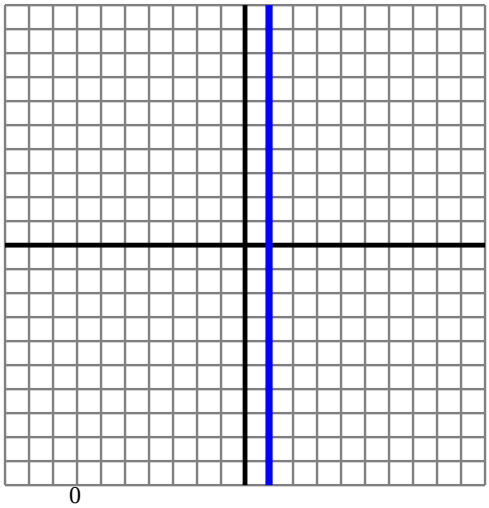
$x = y^{2}$

3)



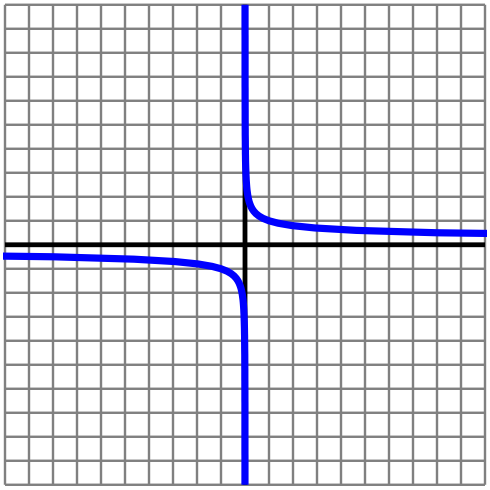
$y^{3} = -x$

4)



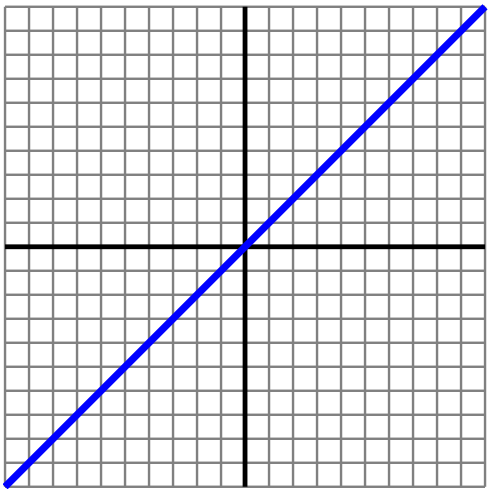
$x = y^{0}$

5)



$x = y^{-3}$

6)



$y = x^{1}$

Antworten

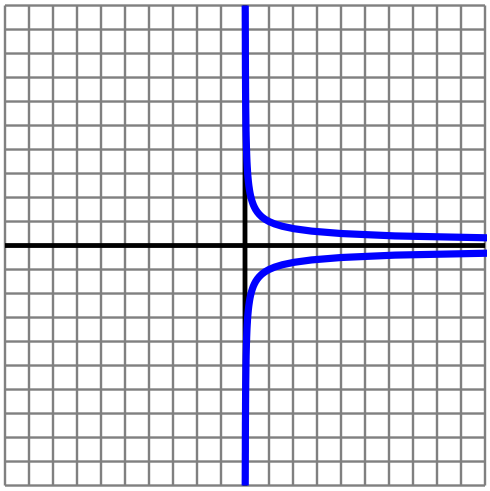
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name: **Lösungsschlüssel**

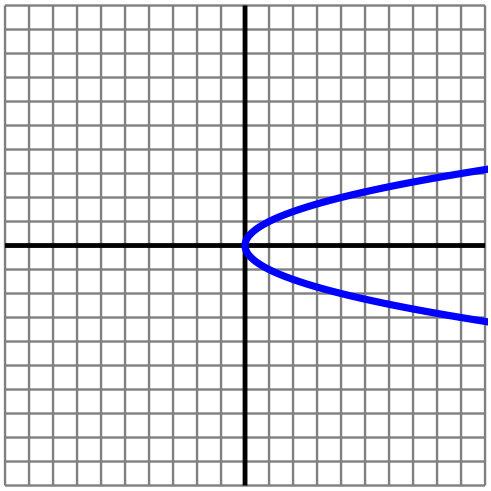
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



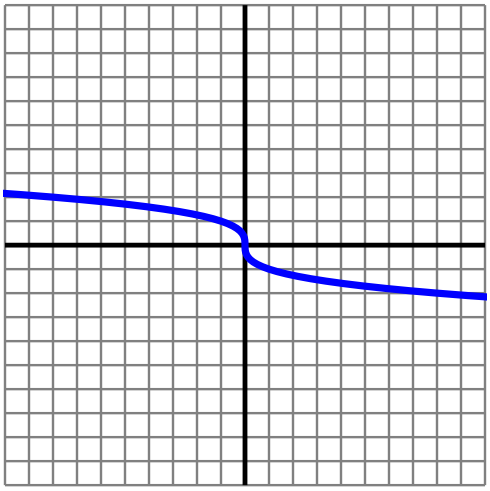
$x = y^{-2}$

2)



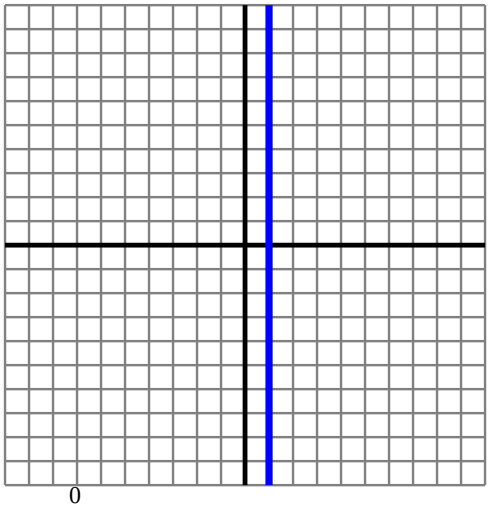
$x = y^{2}$

3)



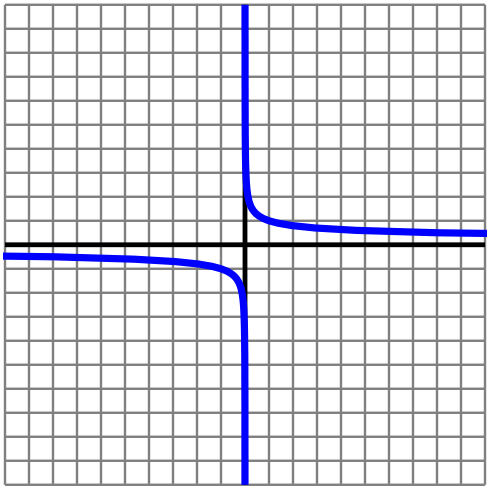
$y^{3} = -x$

4)



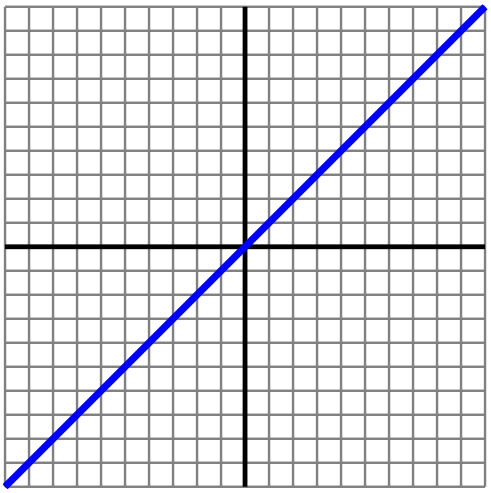
$x = y^{0}$

5)



$x = y^{-3}$

6)



$y = x^{1}$

Antworten

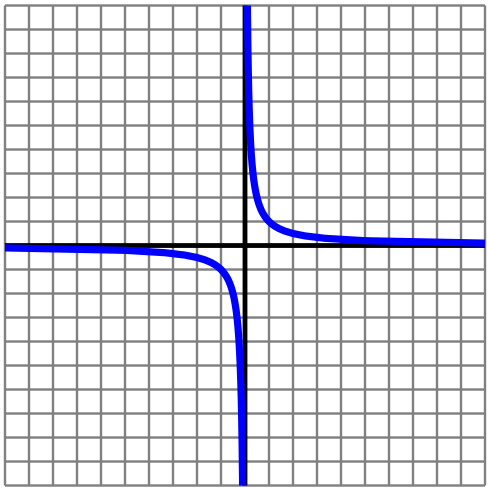
1. **nein**
2. **nein**
3. **ja**
4. **nein**
5. **ja**
6. **ja**

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name:

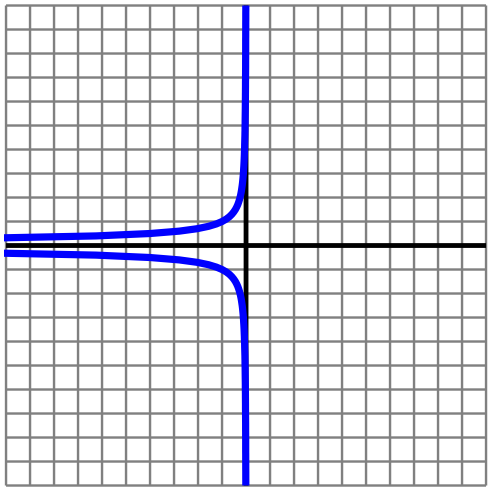
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



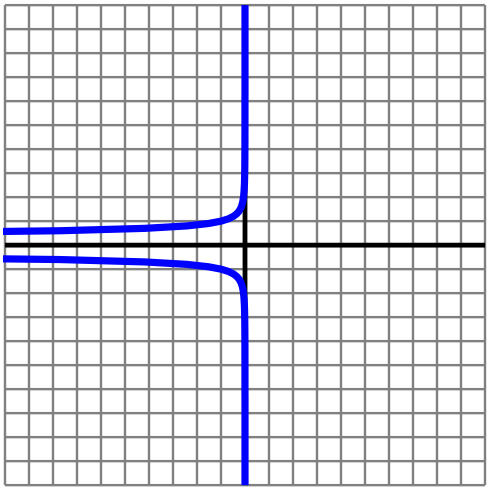
$x = y^{-1}$

2)



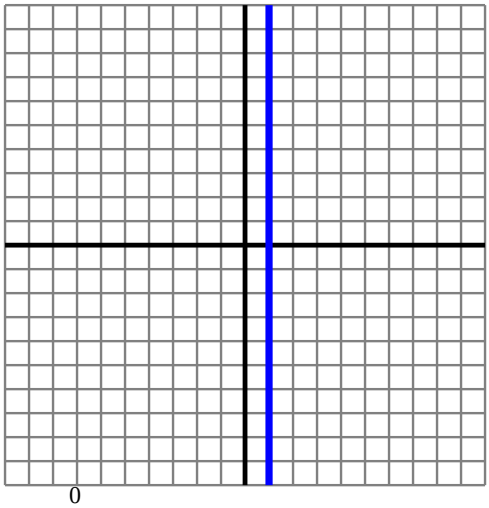
$y^{-2} = -x$

3)



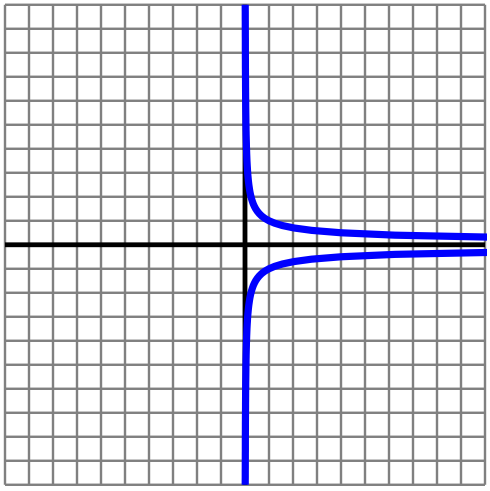
$y^{-4} = -x$

4)



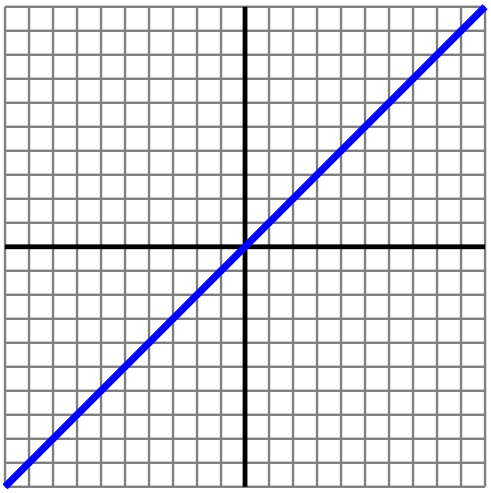
$x = y^{0}$

5)



$x = y^{-2}$

6)



$x = y^{1}$

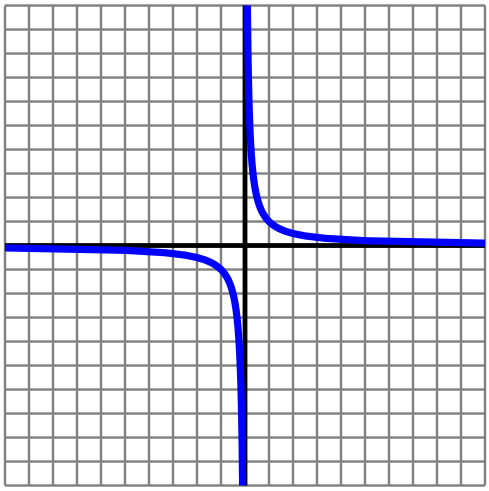
Antworten

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

1-6	83	67	50	33	17	0

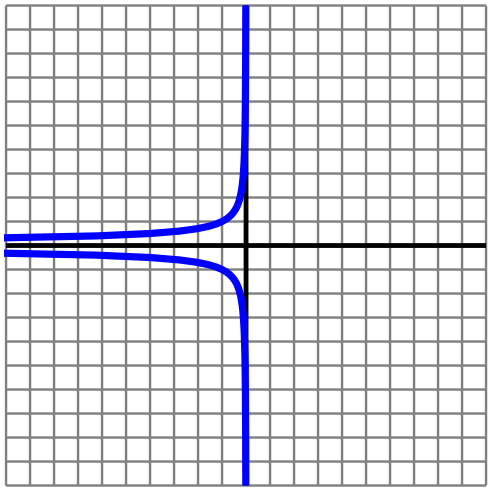
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



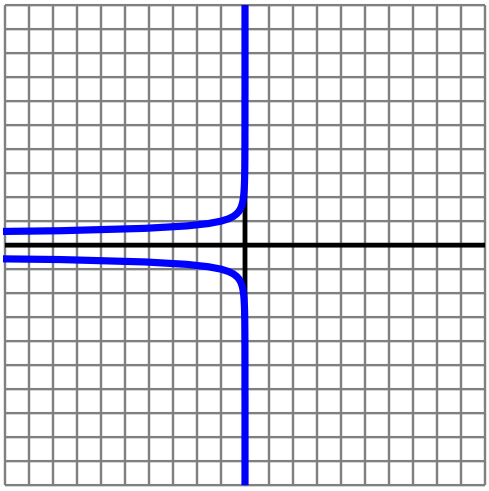
$x = y^{-1}$

2)



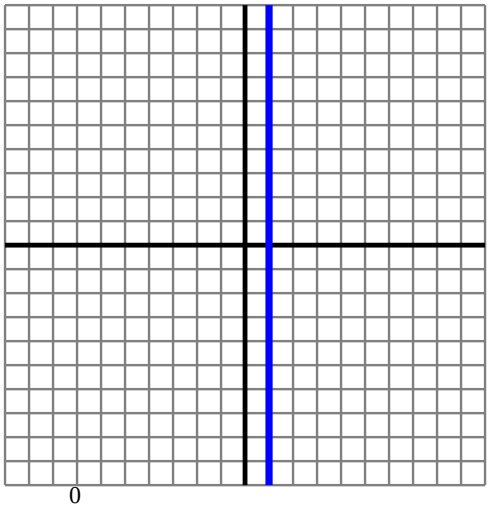
$y^{-2} = -x$

3)



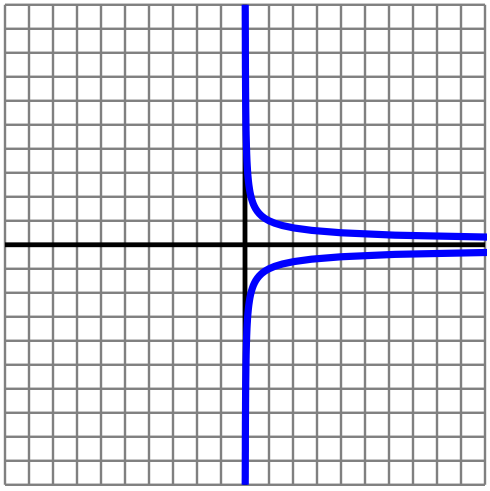
$y^{-4} = -x$

4)



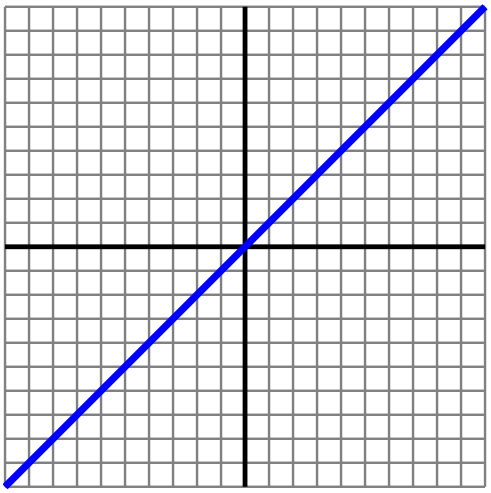
$x = y^{0}$

5)



$x = y^{-2}$

6)



$x = y^{1}$

Antworten

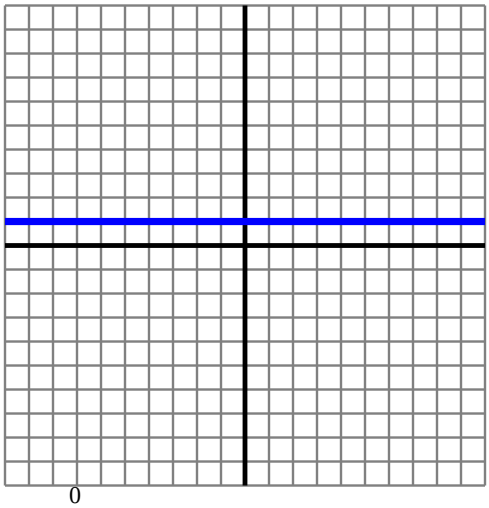
1. **ja**
2. **nein**
3. **nein**
4. **nein**
5. **nein**
6. **ja**

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name:

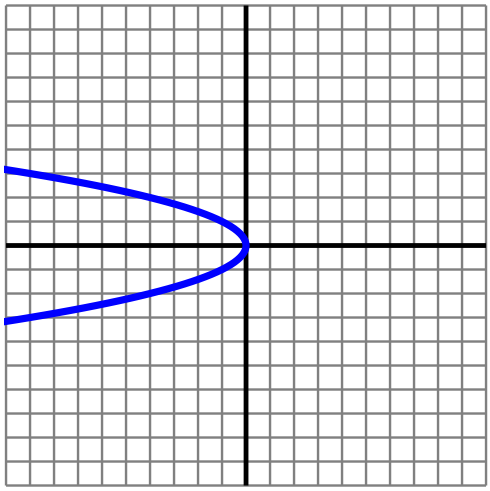
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



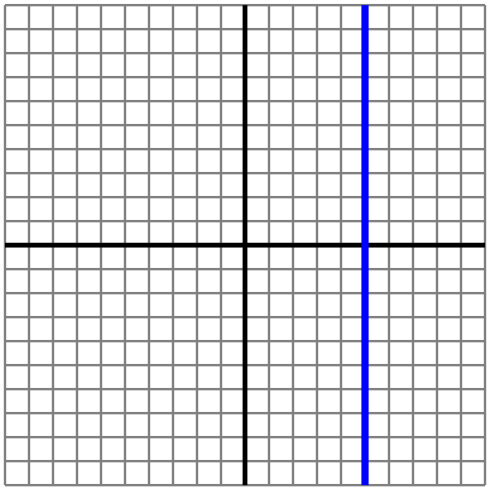
$y = x^0$

2)



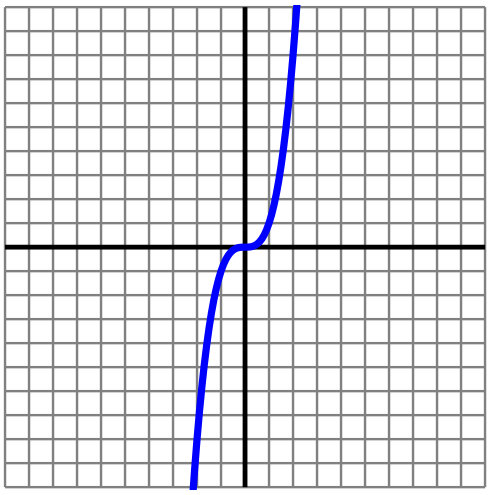
$y^2 = -x$

3)



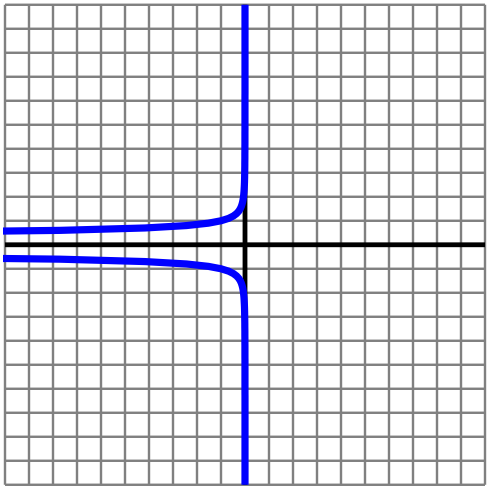
$x = 5$

4)



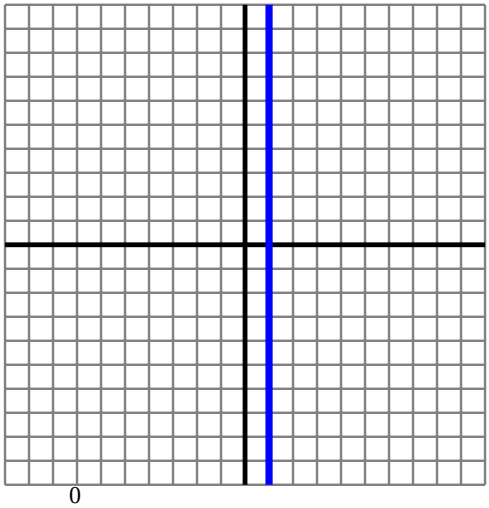
$y = x^3$

5)



$y^{-4} = -x$

6)



$x = y^0$

Antworten

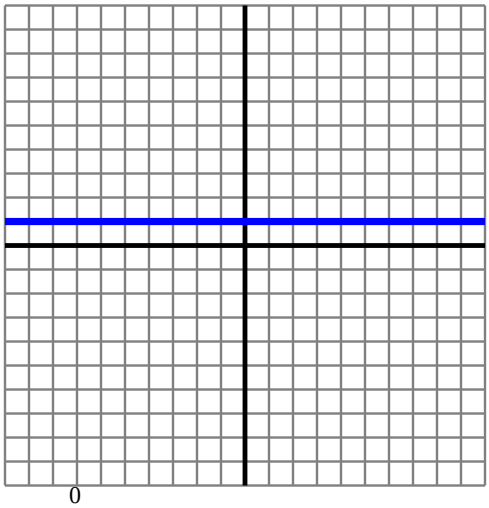
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name: **Lösungsschlüssel**

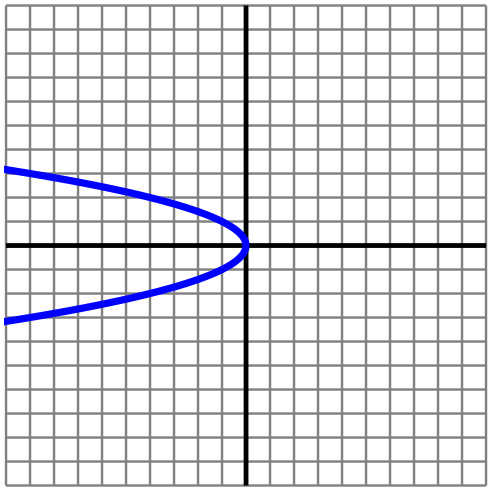
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



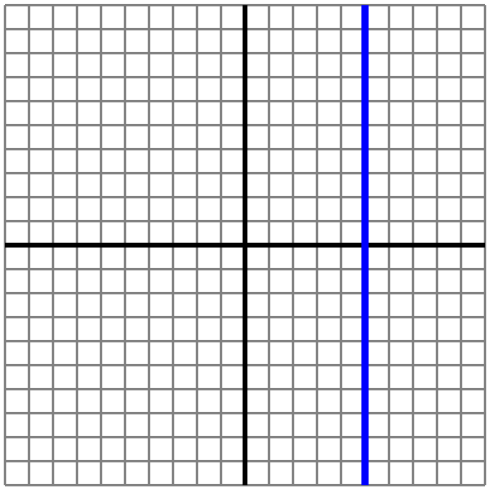
$y = x^0$

2)



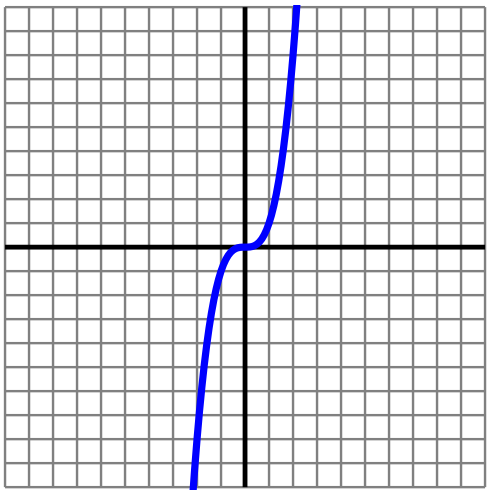
$y^2 = -x$

3)



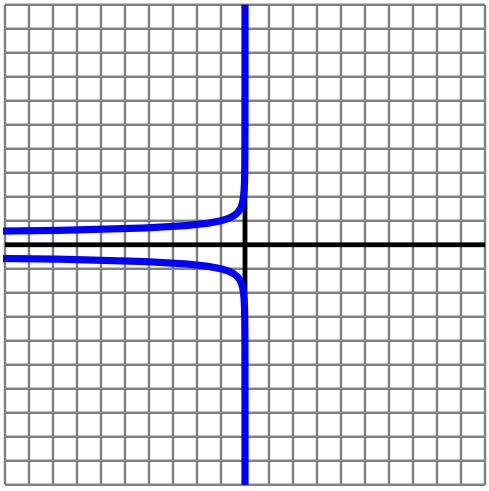
$x = 5$

4)



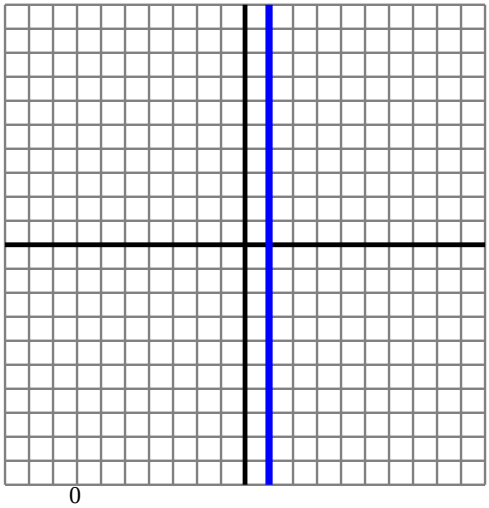
$y = x^3$

5)



$y^{-4} = -x$

6)



$x = y^0$

Antworten

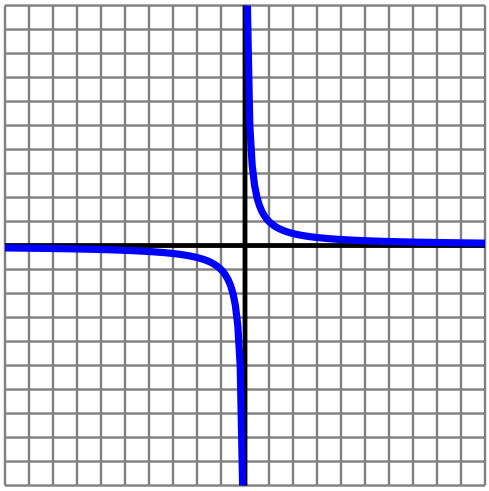
1. **ja**
2. **nein**
3. **nein**
4. **ja**
5. **nein**
6. **nein**

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name:

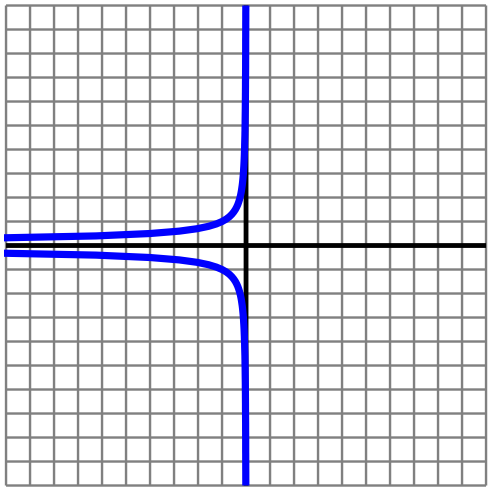
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



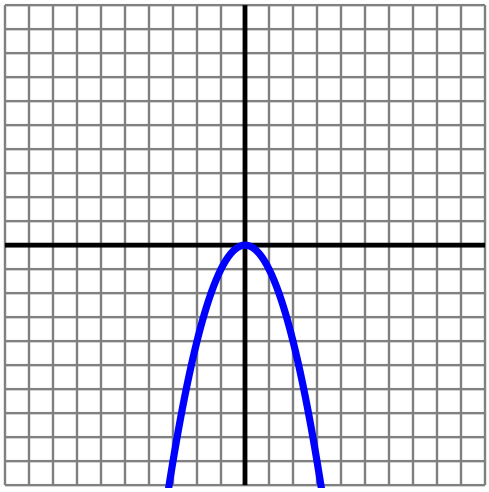
$y = x^{-1}$

2)



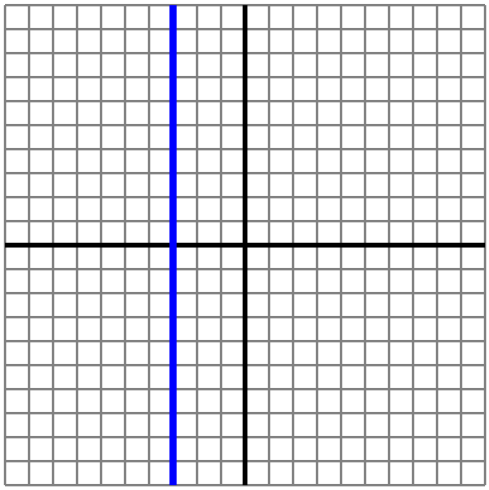
$y^{-2} = -x$

3)



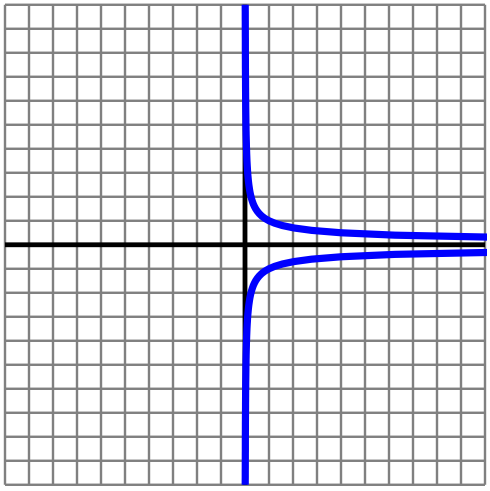
$-y = x^{2}$

4)



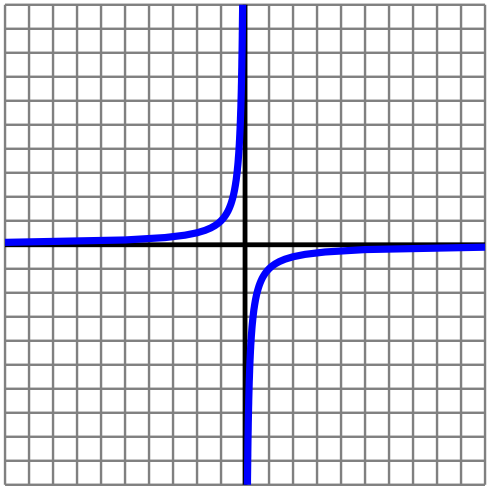
$x = -3$

5)



$x = y^{-2}$

6)



$y^{-1} = -x$

Antworten

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name: **Lösungsschlüssel**

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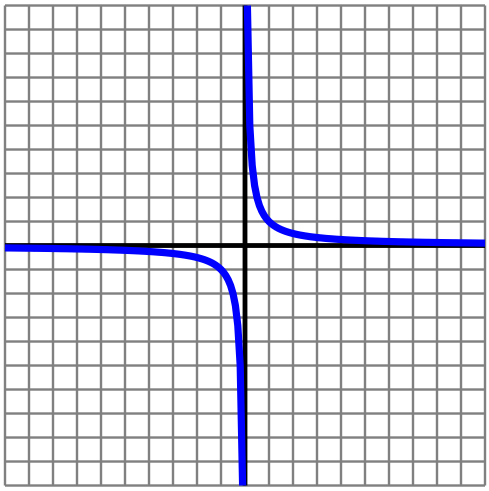
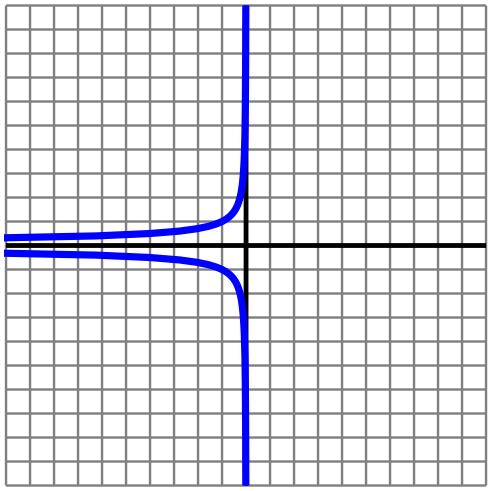


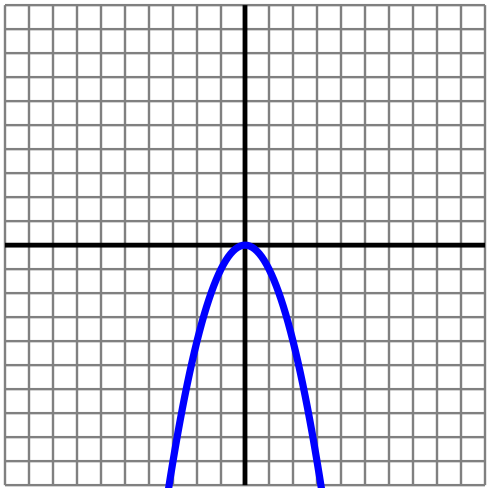
$y = x^{-1}$

2)



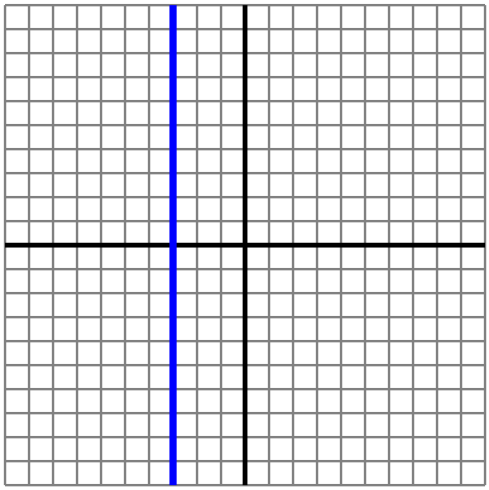
$y^{-2} = -x$

3)



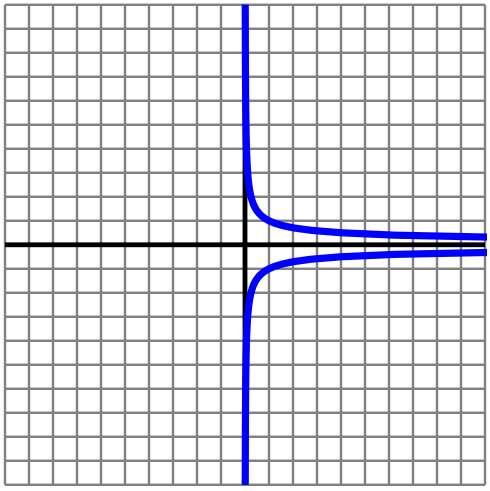
$-y = x^{2}$

4)



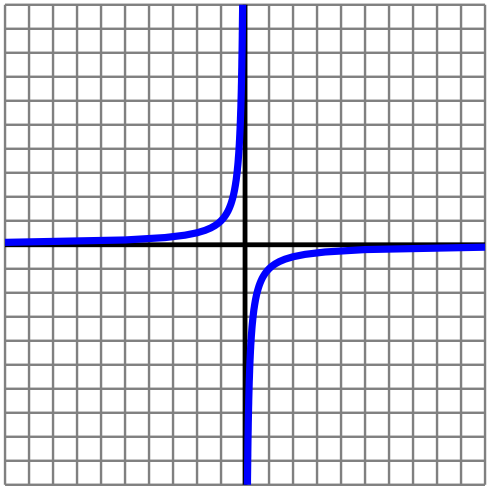
$x = -3$

5)



$x = y^{-2}$

6)



$y^{-1} = -x$

Antworten

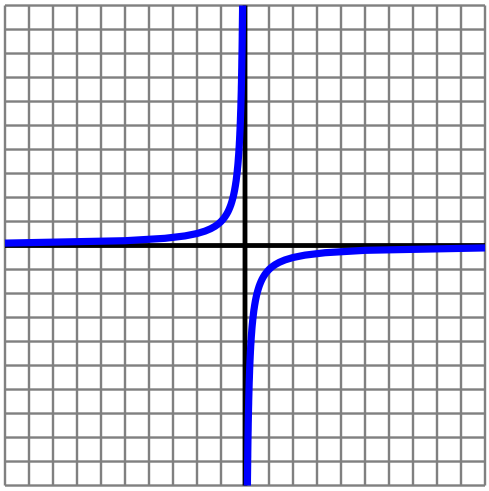
1. **ja**
2. **nein**
3. **ja**
4. **nein**
5. **nein**
6. **ja**

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name:

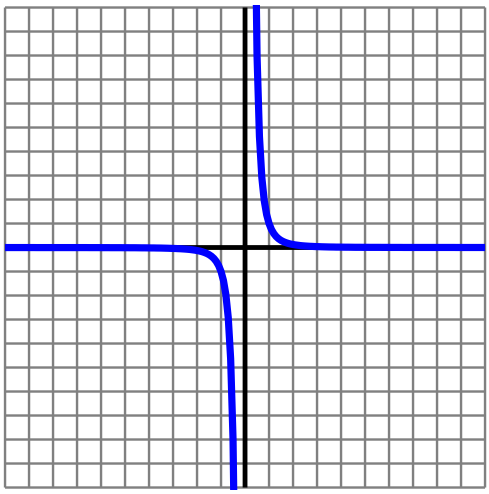
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



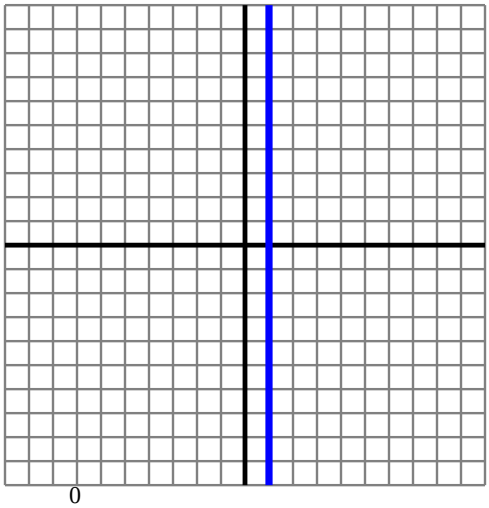
$y^{-1} = -x$

2)



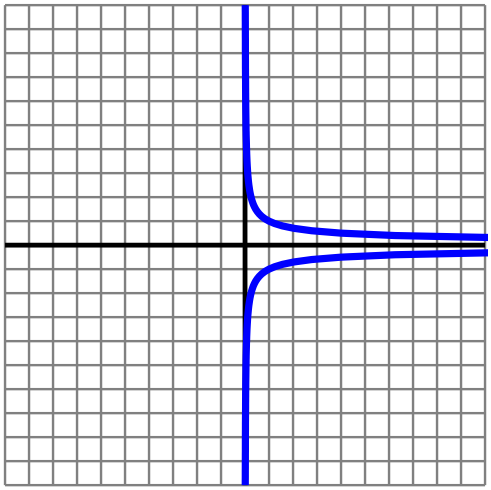
$y = x^{-3}$

3)



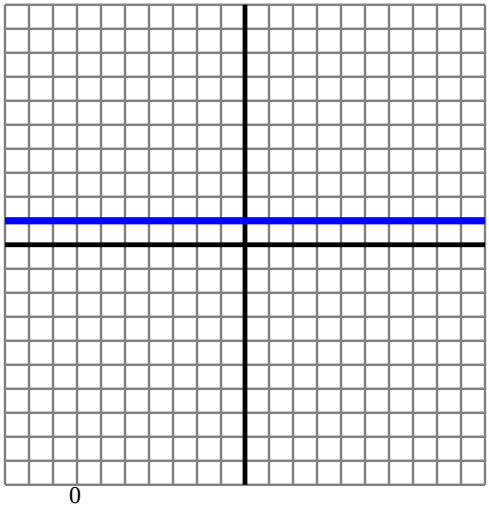
$x = y^{0}$

4)



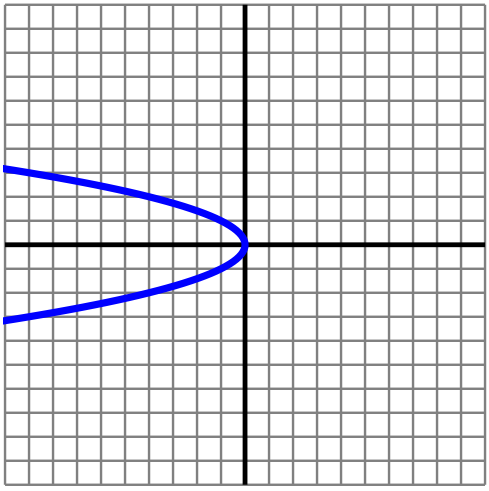
$x = y^{-2}$

5)



$y = x^{0}$

6)



$y^{2} = -x$

Antworten

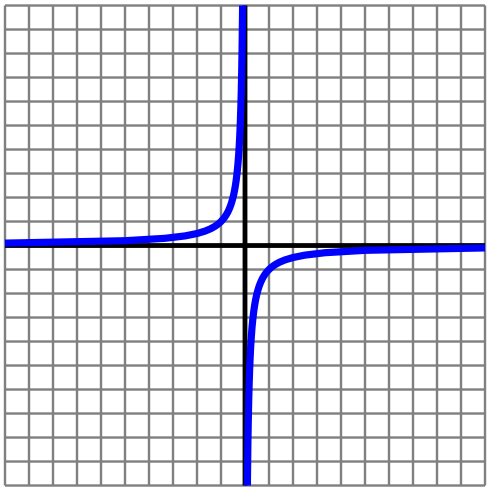
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name: **Lösungsschlüssel**

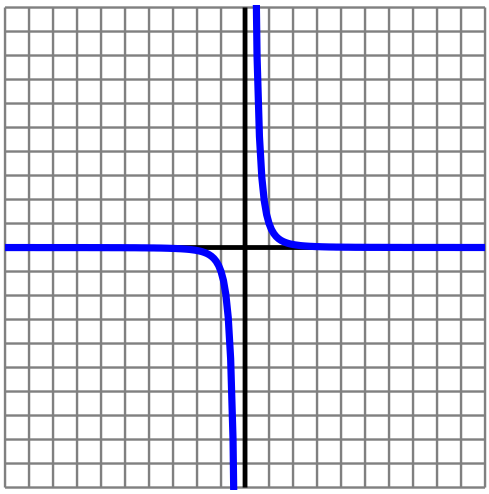
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



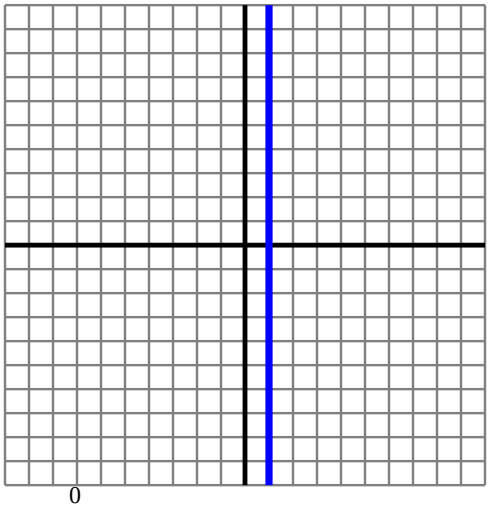
$y^{-1} = -x$

2)



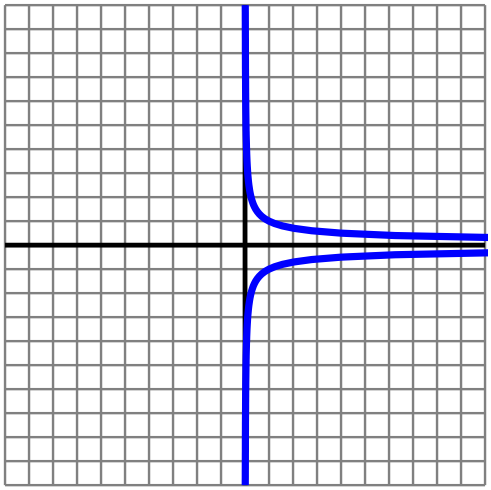
$y = x^{-3}$

3)



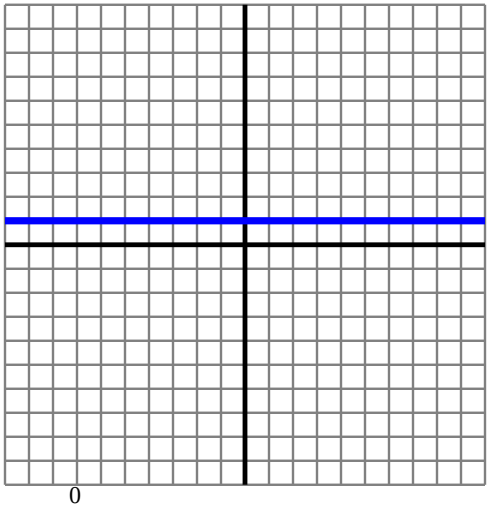
$x = y^{0}$

4)



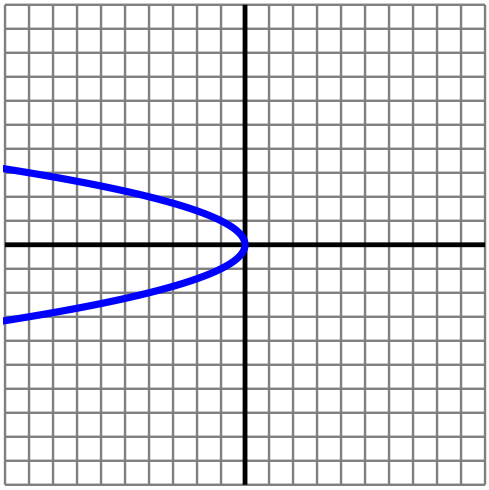
$x = y^{-2}$

5)



$y = x^{0}$

6)



$y^{2} = -x$

Antworten

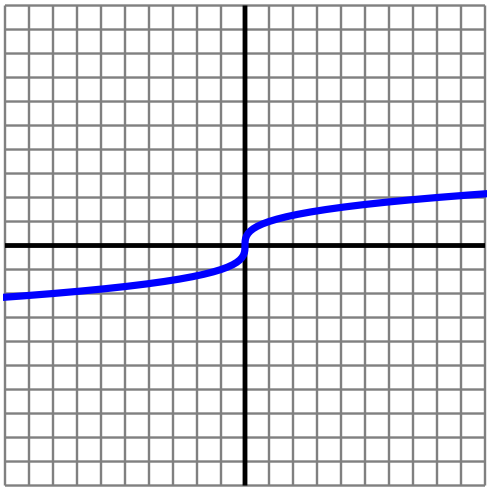
1. **ja**
2. **ja**
3. **nein**
4. **nein**
5. **ja**
6. **nein**

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name:

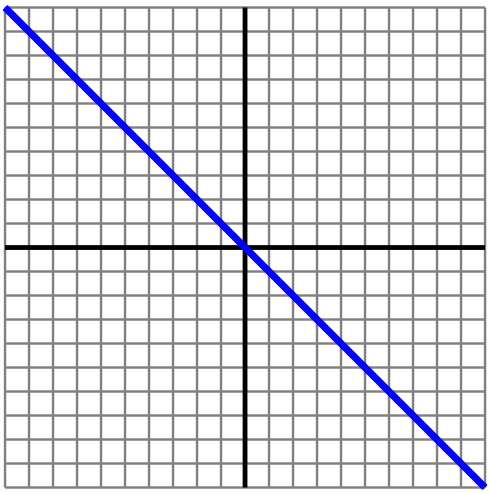
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



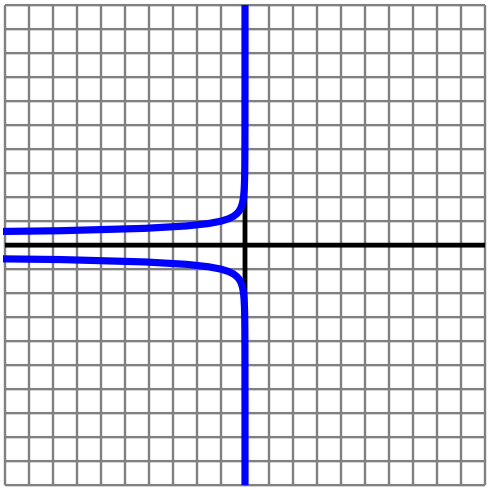
$x = y^3$

2)



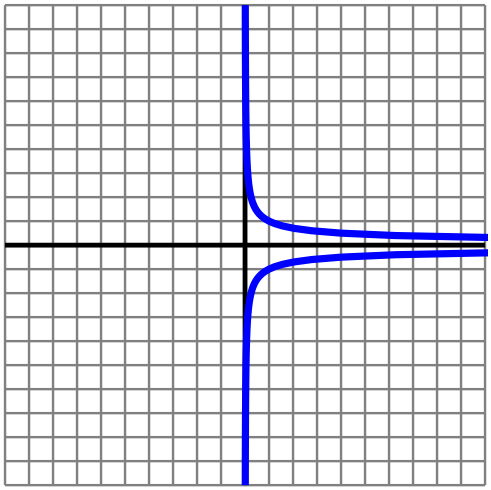
$-y = x^1$

3)



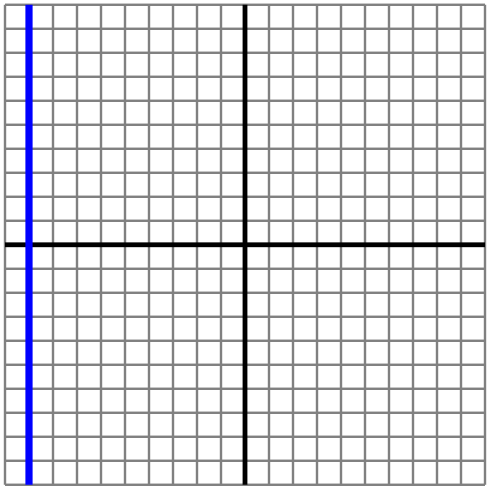
$y^{-4} = -x$

4)



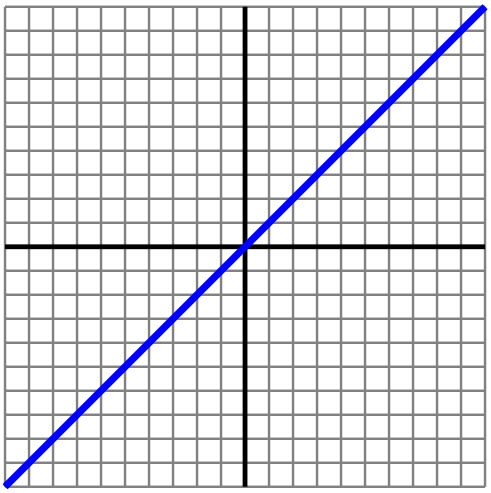
$x = {}^{1}/_{y^2}$

5)



$x = -9$

6)



$x = y^1$

Antworten

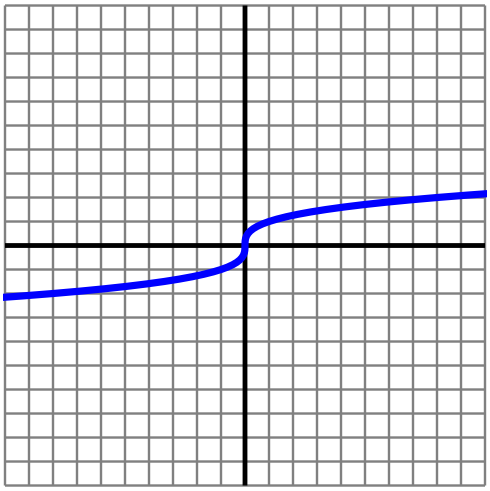
1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

1-6	83	67	50	33	17	0

Funktionen identifizieren (Grafiken) Name: **Lösungsschlüssel**

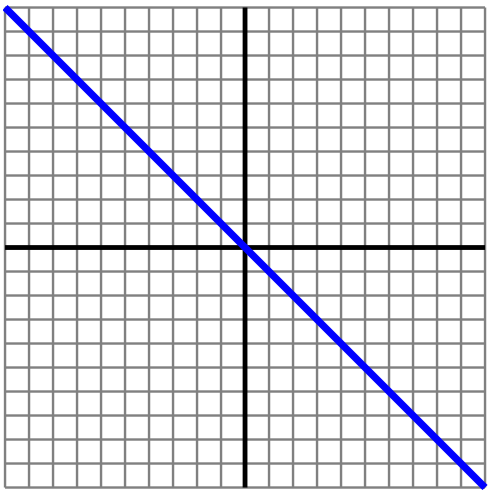
Bestimmen Sie, ob jeder gezeigte Graph eine Funktion darstellt (ja) oder nicht (nein). In der Gleichung steht x für die Eingabe und y für die Ausgabe.

1)



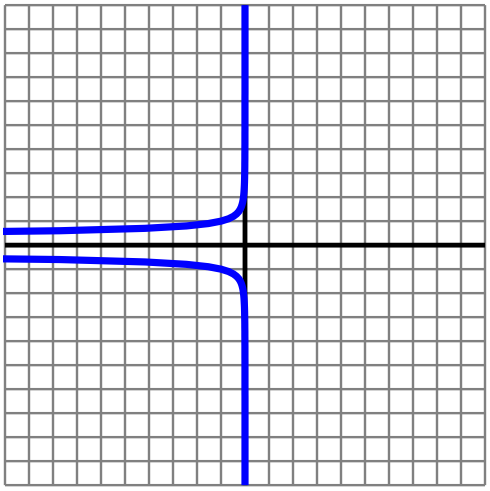
$x = y^3$

2)



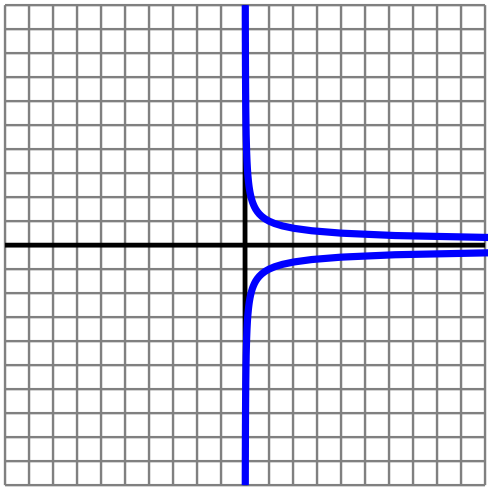
$-y = x^1$

3)



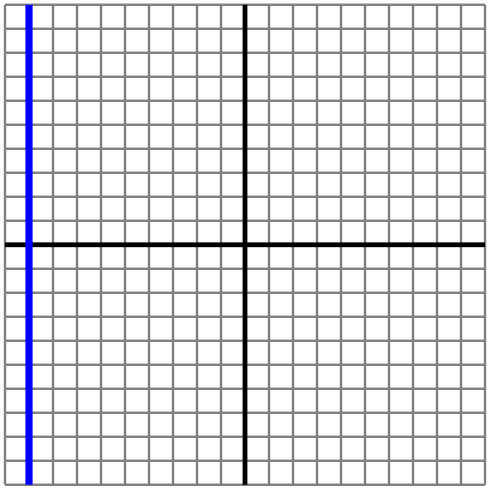
$y^{-4} = -x$

4)



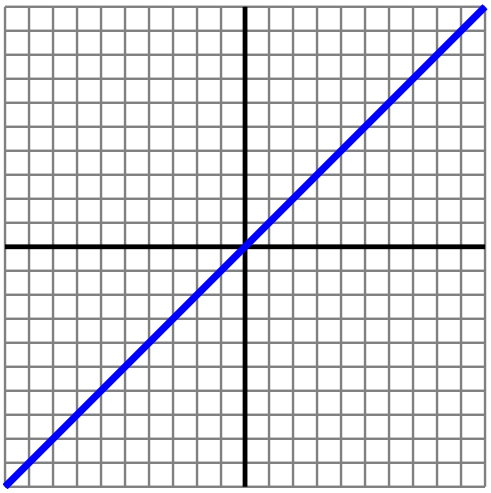
$x = {}^{1}/_{y^2}$

5)



$x = -9$

6)



$x = y^1$

Antworten

1. ja
2. ja
3. nein
4. nein
5. nein
6. ja

1-6	83	67	50	33	17	0