

**Berechne die Steigung.**

**Bsp)**  $7x + y = -5$   
 $y = -7x - 5$

**Bsp)**  $-9x + 7y = -56$   
 $7y = 9x - 56$   
 $y = \frac{9}{7}x - 8$

**Antworten**

Bsp.  $\frac{-7}{1}$

Bsp.  $\frac{9}{7}$

1)  $4x + y = -8$

2)  $-3x + 2y = 12$

3)  $1x + 8y = -8$

4)  $2x + 4y = 36$

5)  $-8x + y = +3$

6)  $-4x - y = -1$

7)  $-1x + 4y = 20$

8)  $-4x - 3y = -27$

9)  $-1x + y = -2$

10)  $-1x + y = -5$

11)  $4x - 4y = 28$

12)  $-8x - 7y = 63$

13)  $-5x + 7y = -28$

14)  $-9x + 7y = -14$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

**Berechne die Steigung.****Antworten**

Bsp)  $7x + y = -5$   
 $y = -7x - 5$

Bsp)  $-9x + 7y = -56$   
 $7y = 9x - 56$   
 $y = \frac{9}{7}x - 8$

Bsp.  $\frac{-7}{1}$

Bsp.  $\frac{9}{7}$

1)  $4x + y = -8$   
 $y = -4x - 8$

2)  $-3x + 2y = 12$   
 $2y = 3x + 12$   
 $y = \frac{3}{2}x + 6$

1.  $\frac{-4}{1}$

2.  $\frac{3}{2}$

3)  $1x + 8y = -8$   
 $8y = -1x - 8$   
 $y = -\frac{1}{8}x - 1$

4)  $2x + 4y = 36$   
 $4y = -2x + 36$   
 $y = -\frac{2}{4}x + 9$

3.  $\frac{-1}{8}$

4.  $\frac{-2}{4}$

5)  $-8x + y = +3$   
 $y = 8x + 3$

6)  $-4x - y = -1$   
 $-y = 4x - 1$   
 $y = -4x + 1$

5.  $\frac{8}{1}$

6.  $\frac{-4}{1}$

7)  $-1x + 4y = 20$   
 $4y = 1x + 20$   
 $y = \frac{1}{4}x + 5$

8)  $-4x - 3y = -27$   
 $-3y = 4x - 27$   
 $y = -\frac{4}{3}x + 9$

7.  $\frac{1}{4}$

8.  $\frac{-4}{3}$

9)  $-1x + y = -2$   
 $y = 1x - 2$

10)  $-1x + y = -5$   
 $y = 1x - 5$

9.  $\frac{1}{1}$

10.  $\frac{1}{1}$

11)  $4x - 4y = 28$   
 $-4y = -4x + 28$   
 $y = \frac{4}{4}x - 7$

12)  $-8x - 7y = 63$   
 $-7y = 8x + 63$   
 $y = -\frac{8}{7}x - 9$

11.  $\frac{4}{4}$

12.  $\frac{-8}{7}$

13)  $-5x + 7y = -28$   
 $7y = 5x - 28$   
 $y = \frac{5}{7}x - 4$

14)  $-9x + 7y = -14$   
 $7y = 9x - 14$   
 $y = \frac{9}{7}x - 2$

13.  $\frac{5}{7}$

14.  $\frac{9}{7}$