

**Berechne die Steigung.**

**Bsp)**  $8x + y = -2$   
 $y = -8x - 2$

**Bsp)**  $-5x + 8y = 40$   
 $8y = 5x + 40$   
 $y = \frac{5}{8}x + 5$

**Antworten**

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

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

1)  $7x + 9y = -63$

2)  $3x + y = -1$

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

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

3)  $2x - 5y = -15$

4)  $7x + 4y = 24$

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

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

5)  $-7x + 7y = -63$

6)  $-6x - y = -3$

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

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

7)  $9x - y = -4$

8)  $-5x + 3y = 24$

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

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

9)  $9x + y = -6$

10)  $-8x - y = -5$

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

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

11)  $-8x + 4y = 20$

12)  $3x + 5y = -30$

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

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

13)  $-2x + 5y = 5$

14)  $3x + 8y = -72$

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

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

**Berechne die Steigung.**

**Bsp)**  $8x + y = -2$   
 $y = -8x - 2$

**Bsp)**  $-5x + 8y = 40$   
 $8y = 5x + 40$   
 $y = \frac{5}{8}x + 5$

1)  $7x + 9y = -63$   
 $9y = -7x - 63$   
 $y = -\frac{7}{9}x - 7$

2)  $3x + y = -1$   
 $y = -3x - 1$

3)  $2x - 5y = -15$   
 $-5y = -2x - 15$   
 $y = \frac{2}{5}x + 3$

4)  $7x + 4y = 24$   
 $4y = -7x + 24$   
 $y = -\frac{7}{4}x + 6$

5)  $-7x + 7y = -63$   
 $7y = 7x - 63$   
 $y = \frac{7}{7}x - 9$

6)  $-6x - y = -3$   
 $-y = 6x - 3$   
 $y = -6x + 3$

7)  $9x - y = -4$   
 $-y = -9x - 4$   
 $y = 9x + 4$

8)  $-5x + 3y = 24$   
 $3y = 5x + 24$   
 $y = \frac{5}{3}x + 8$

9)  $9x + y = -6$   
 $y = -9x - 6$

10)  $-8x - y = -5$   
 $-y = 8x - 5$   
 $y = -8x + 5$

11)  $-8x + 4y = 20$   
 $4y = 8x + 20$   
 $y = \frac{8}{4}x + 5$

12)  $3x + 5y = -30$   
 $5y = -3x - 30$   
 $y = -\frac{3}{5}x - 6$

13)  $-2x + 5y = 5$   
 $5y = 2x + 5$   
 $y = \frac{2}{5}x + 1$

14)  $3x + 8y = -72$   
 $8y = -3x - 72$   
 $y = -\frac{3}{8}x - 9$

**Antworten**

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

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

1.  $-\frac{7}{9}$

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

3.  $\frac{2}{5}$

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

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

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

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

8.  $\frac{5}{3}$

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

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

11.  $\frac{8}{4}$

12.  $-\frac{3}{5}$

13.  $\frac{2}{5}$

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