Steigung berechnen

Name:

Berechne die Steigung.

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

Bsp) $8x - 8y = 40$
$-8y = -8x + 40$
$y = {}^{8}\!/_{8}x - 5$

1) $-2x - 7y = -56$

2) $-4x - 8y = -56$

3) $7x + 8y = -48$

4) $-6x - 4y = -32$

5) $-7x + 3y = 12$

6) $-3x + 9y = -36$

7) $9x + 2y = 4$

8) $-2x + 4y = 12$

9) $1x + 7y = -28$

10) $-1x + y = -8$

11) $-3x - 9y = -9$

12) $3x - 5y = 45$

13) $-3x + 7y = -35$

14) $2x - 3y = -24$

Antworten

Bsp. $^{6}\!/_{1}$

Bsp. $^{8}\!/_{8}$

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

1-10	93	86	79	71	64	57	50	43	36	29
11-14	21	14	7	0						

Steigung berechnen

Name: **Lösungsschlüssel**

Berechne die Steigung.

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

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

1) $-2x - 7y = -56$
$-7y = 2x - 56$
$y = -\frac{2}{7}x + 8$

2) $-4x - 8y = -56$
$-8y = 4x - 56$
$y = -\frac{4}{8}x + 7$

3) $7x + 8y = -48$
$8y = -7x - 48$
$y = -\frac{7}{8}x - 6$

4) $-6x - 4y = -32$
$-4y = 6x - 32$
$y = -\frac{6}{4}x + 8$

5) $-7x + 3y = 12$
$3y = 7x + 12$
$y = \frac{7}{3}x + 4$

6) $-3x + 9y = -36$
$9y = 3x - 36$
$y = \frac{3}{9}x - 4$

7) $9x + 2y = 4$
$2y = -9x + 4$
$y = -\frac{9}{2}x + 2$

8) $-2x + 4y = 12$
$4y = 2x + 12$
$y = \frac{2}{4}x + 3$

9) $1x + 7y = -28$
$7y = -1x - 28$
$y = -\frac{1}{7}x - 4$

10) $-1x + y = -8$
$y = 1x - 8$

11) $-3x - 9y = -9$
$-9y = 3x - 9$
$y = -\frac{3}{9}x + 1$

12) $3x - 5y = 45$
$-5y = -3x + 45$
$y = \frac{3}{5}x - 9$

13) $-3x + 7y = -35$
$7y = 3x - 35$
$y = \frac{3}{7}x - 5$

14) $2x - 3y = -24$
$-3y = -2x - 24$
$y = \frac{2}{3}x + 8$

Antworten

Bsp. $\frac{6}{1}$
Bsp. $\frac{8}{8}$
1. $\frac{-2}{7}$
2. $\frac{-4}{8}$
3. $\frac{-7}{8}$
4. $\frac{-6}{4}$
5. $\frac{7}{3}$
6. $\frac{3}{9}$
7. $\frac{-9}{2}$
8. $\frac{2}{4}$
9. $\frac{-1}{7}$
10. $\frac{1}{1}$
11. $\frac{-3}{9}$
12. $\frac{3}{5}$
13. $\frac{3}{7}$
14. $\frac{2}{3}$

1-10	93	86	79	71	64	57	50	43	36	29
11-14	21	14	7	0						