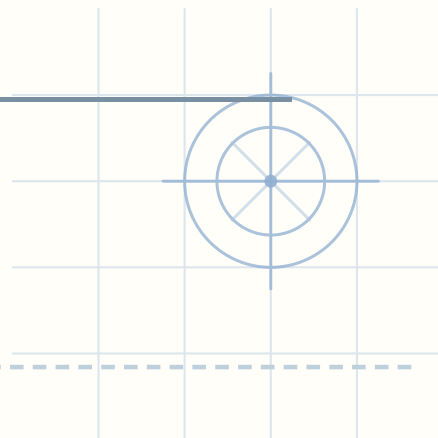


Intercepts of a line — Both intercepts

Name: _____

Date: _____

Find the intercept each question asks for.



1 $8x + y = 8$ the x-intercept = _____

2 $2x - y = -4$ the y-intercept = _____

3 $3x - 7y = 21$ the y-intercept = _____

4 $x + 3y = -6$ the x-intercept = _____

5 $5x + 3y = -15$ the x-intercept = _____

6 $3x + y = 3$ the y-intercept = _____

7 $7x + 8y = -56$ the y-intercept = _____

8 $4x + 3y = 24$ the x-intercept = _____



Intercepts of a line · Both intercepts — Answer key

1. $8x + y = 8$ the x-intercept = 1

5. $5x + 3y = -15$ the x-intercept = -3

2. $2x - y = -4$ the y-intercept = 4

6. $3x + y = 3$ the y-intercept = 3

3. $3x - 7y = 21$ the y-intercept = -3

7. $7x + 8y = -56$ the y-intercept = -7

4. $x + 3y = -6$ the x-intercept = -6

8. $4x + 3y = 24$ the x-intercept = 6

