



Determine whether lines are parallel using slope

- 1** What slope would be PARALLEL to this slope?

$$m = 3$$

A $m = \frac{3}{2}$

B $m = -3$

C $m = \frac{1}{3}$

D $m = 3$

- 2** What slope would be PARALLEL to this slope?

$$m = -5$$

A $m = -0.2$

B $m = 5$

C $m = -2.5$

D $m = -5$

- 3** $m = 0.2$

A $m = 5$

B $m = -\frac{1}{5}$

C $m = -\frac{5}{2}$

D $m = \frac{1}{5}$

- 4** What line equation would have a slope that is PARALLEL to the slope of this line equation?

$$y = -\frac{1}{2}x$$

A $y = -2x$

B $y = \frac{2}{2}x$

C $y = -\frac{1}{2}x$

D $y = \frac{1}{2}x$

- 5** What slope would be PARALLEL to the slope of this line equation?

$$y = \frac{1}{2}x + 1$$

A $m = -\frac{2}{2}$

B $m = -\frac{1}{2}$

C $m = \frac{1}{2}$

D $m = 2$

- 6** What line equation in standard form would have a slope that is PARALLEL to the slope of this line equation?

$$y = \frac{1}{2}x + 2$$

A $-0.75x + 3y = 6$

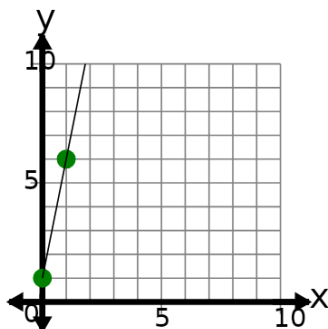
B $-1x + 2y = 4$



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What slope would be PARALLEL to the slope of the line on this graph?



A

$$m = \frac{5}{2}$$

B

$$m = \frac{1}{5}$$

C

$$m = -5$$

D

$$m = 5$$

8

What slope would be PARALLEL to the slope of this line equation?

$$-12x + 3y = 9$$

A

$$m = \frac{1}{4}$$

B

$$m = -4$$

C

$$m = 4$$

D

$$m = \frac{4}{2}$$

9

What line equation would have a slope that is PARALLEL to the slope of this line equation?

$$1x + 1y = 1$$

A

$$y = 1x + 1$$

B

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

C

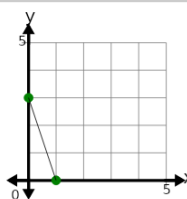
$$y = -1x + 1$$

10

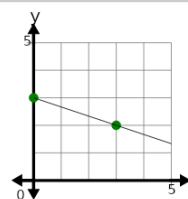
What line has a slope that is PARALLEL to the slope of this line equation?

$$3x + 1y = 3$$

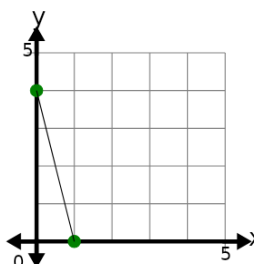
A



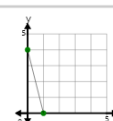
B

**11**

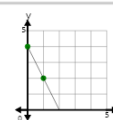
What line has a slope that is PARALLEL to the slope of the line on this graph?



A



B





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What line equation would have a slope that is PARALLEL to the slope of this line equation?

$$y = 1x + 3$$

A

$$y = 1x + 3$$

B

$$y = -1x + 3$$

C

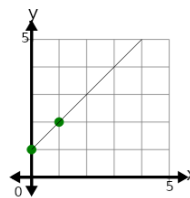
$$y = \frac{1}{2}x + 3$$

13

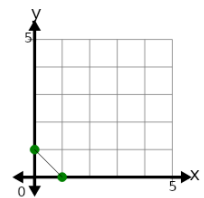
What line has a slope that is PARALLEL to the slope of this line equation?

$$y = 1x + 1$$

A



B

**14**

What does this pair of linear equations tell you about the two lines?

$$4x + y = 0$$

$$12x + 3y = 0$$

A The lines are the same line

B The lines are parallel

C The lines cross at one point

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What line equation in standard form would have a slope that is PARALLEL to the slope of this line equation?

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

A

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

B

$$-0.5x + 1y = 2$$