In this case, the slope $m = \lceil \{align\} \rceil = \{3-1\} = \frac{1}{5-1} = \frac{$

We can choose either A or B for the point on the line, but in neither case do we get this chosen answer.

4. Which of the following points is on the line with equation:

1/1 Punkten

Practice quiz on the Cartesian Plane

Übungsquiz • 15 min

 \bigcirc (3,2)

 \bigcirc (0,0)

 \bigcirc (2.3)

Practice quiz on the Cartesian Plane Übungsquiz • 15 min

✓ Richtig

If we plug in 1 for y and 2 for x in the equation of the line, we make a true statement, 0 = 0, so this point lies on the line.

5. Suppose that a line ℓ has slope 2 and goes through the point (-1,0). What is the y-intercept of ℓ ?

1 / 1 Punkten

O -1

② 2

 \bigcirc 0

0 1

Richtig

Recall that the y-intercept of ℓ is the y-coordinate of where ℓ hits the y-axis.

Since $(-1,0) \in \ell$, the point on ℓ with x=0 is obtained by running one unit from (-1,0) while rising two units.