

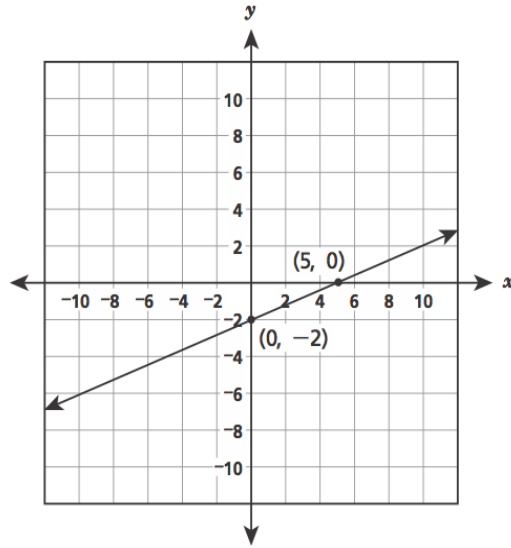
Topic No. 03



#1

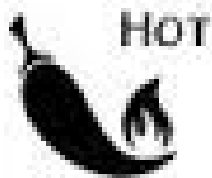
Question 1

Which equation represents the line shown on the coordinate grid below?



- A $y = \frac{2}{5}x - 2$
- B $y = \frac{2}{5}x + 5$
- C $y = -\frac{2}{5}x - 2$
- D $y = -\frac{2}{5}x + 5$

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#1

Question 2

A line contains the points $(4, 2)$ and $(0, -1)$. What is the equation of the line?

A $y = 2x - 6$

B $y = \frac{3}{4}x - 1$

C $y = \frac{1}{4}x + 1$

D $y = \frac{4}{3}x - \frac{10}{3}$

Question 3

What is the equation of the line that passes through point $(4, 12)$ and has a *y*-intercept of -2 ?

A $y = \frac{5}{2}x - 2$

B $y = \frac{7}{2}x - 2$

C $y = 2x - 2$

D $y = 6x - 2$