

- 1 The graph of the equation $x + 3y = 6$ intersects the y-axis at the point whose coordinates are
- 080619a (1) (0,2) (3) (0,18)
(2) (0,6) (4) (6,0)
- 2 Point $(k, -3)$ lies on the line whose equation is $x - 2y = -2$. What is the value of k ?
- 080628a (1) -8 (3) 6
(2) -6 (4) 8
- 3 The graph of the equation $2x + 6y = 4$ passes through point $(x, -2)$. What is the value of x ?
- 060721a (1) -4 (3) 16
(2) 8 (4) 4
- 4 A line with a slope of $\frac{1}{3}$ passes through the point $(3, 6)$. Which point also lies on this line?
- 080828a (1) (6,3) (3) (-3,-3)
(2) (7,6) (4) (-6,3)
- 5 Line segment AB has a slope of $\frac{3}{4}$. If the coordinates of point A are $(2, 5)$, the coordinates of point B could be
- 080728a (1) (6,8) (3) (-1,1)
(2) (5,9) (4) (6,2)
- 6 Line ℓ contains the points $(0, 4)$ and $(2, 0)$. Show that the point $(-25, 81)$ does or does not lie on line ℓ .
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