

CA Algebra 1 Standard 7.0

MULTIPLE CHOICE

- Which of the following points lies on the line defined by $y = -3x + 5$?
 - $(-2, -1)$
 - $(1, 8)$
 - $(0, 2)$
 - $(2, -1)$
- Which of the following points lies on the line defined by $4y - 3x = 12$?
 - $(0, 3)$
 - $(0, -3)$
 - $(0, -4)$
 - $(1, 4)$
- Which is the equation, in slope-intercept form, of the line that has a slope of 2 and passes through the point $(-4, 2)$?
 - $y = 2x + 4$
 - $y = 2x + 6$
 - $y = 2x + 8$
 - $y = 2x + 10$
- What is the slope-intercept form of the equation of the line that has a slope of $-\frac{1}{2}$ and passes through the point $(3, 0)$?
 - $y = -\frac{1}{2}x + \frac{3}{2}$
 - $y = \frac{1}{2}x + 3$
 - $y = -\frac{1}{2}x - 3$
 - $y = -\frac{1}{2}x - \frac{3}{2}$
- Which of the following points lies on the line defined by $5x + 2y = 10$?
 - $(0, 2)$
 - $(2, 0)$
 - $(1, 5)$
 - $(-2, 0)$
- Which of the following points lies on the line defined by $-6x = 3y + 18$?
 - $(1, -8)$
 - $(3, 0)$
 - $(0, 6)$
 - $(-1, -8)$
- What is the equation, in slope-intercept form, of the line that has a slope of 2 and passes through the point $(0, -5)$?
 - $y = 2x + 5$
 - $y = 2x - 3$
 - $y = 2x + 3$
 - $y = 2x - 5$

8. Which of the following points lies on the line defined by $6y = 36x - 48$?

A. $(0, 8)$

B. $(0, 4)$

C. $(4, 16)$

D. $(4, 8)$

9. What is the standard form of the equation of the line that has a slope of -3 and passes through the point $(-3, -4)$?

A. $3x + y = -5$

B. $3x + y = 7$

C. $3x + y = -13$

D. $3x + y = -9$

10. What is the equation, in slope-intercept form, of the line that has slope $\frac{3}{4}$ and passes through the point $(4, -5)$?

A. $y = \frac{3}{4}x - 17$

B. $y = \frac{3}{4}x - 2$

C. $y = \frac{3}{4}x + 2$

D. $y = \frac{3}{4}x - 8$