

Name: _____

- 1 Which equation represents a line parallel to the x-axis?
080810ia (1) $x = 5$ (3) $x = \frac{1}{3}y$
(2) $y = 10$ (4) $y = 5x + 17$
- 2 Which equation represents a line parallel to the x-axis?
080911ia (1) $y = -5$ (3) $x = 3$
(2) $y = -5x$ (4) $x = 3y$
- 3 Which equation represents a line that is parallel to the line $y = -4x + 5$?
060814ia (1) $y = -4x + 3$ (3) $y = \frac{1}{4}x + 3$
(2) $y = -\frac{1}{4}x + 5$ (4) $y = 4x + 5$
- 4 Which equation represents a line parallel to the line $y = 2x - 5$?
080009a (1) $y = 2x + 5$ (3) $y = 5x - 2$
(2) $y = -x - 5$ (4) $y = -2x - 5$
- 5 Which equation represents a line that is parallel to the line whose equation is $2x + 3y = 12$?
010522a (1) $6y - 4x = 2$ (3) $4x - 6y = 2$
(2) $6y + 4x = 2$ (4) $6x + 4y = -2$
- 6 Which equation represents a line that is parallel to the line $y = 3 - 2x$?
010926ia (1) $4x + 2y = 5$ (3) $y = 3 - 4x$
(2) $2x + 4y = 1$ (4) $y = 4x - 2$
- 7 Segment RS is parallel to segment TU. If the slope of $\overline{RS} = \frac{5}{8}$ and the slope of $\overline{TU} = \frac{x}{24}$, the value of x is
060801a (1) 20 (3) 10
(2) 15 (4) 5
- 8 Which properties best describe the coordinate graph of two distinct parallel lines?
060105a (1) same slopes and same intercepts
(2) same slopes and different intercepts
(3) different slopes and same intercepts
(4) different slopes and different intercepts