

## Graphing WS 32 Answers

1.

(a)  $\Delta y = 4$   $\Delta x = -10$   $m = -\frac{2}{5}$   $b = -8$  (b)  $\Delta y = -4$   $\Delta x = 10$   $m = -\frac{2}{5}$   $b = 3$

Equation of the line:  $y = -\frac{2}{5}x - 8$

Equation of the line:  $y = -\frac{2}{5}x + 3$

(c) Equation of the line:  $y = \frac{2}{3}x + 10$

(d) Equation of the line:  $y = \frac{5}{2}x - 8$

2.

(a)  $y = -\frac{5}{7}x + 2$

(b)  $y = -\frac{2}{9}x - 10$

(c)  $y = \frac{2}{7}x + \frac{48}{7}$

(d)  $y = 9x + 19$

(e)  $y = 4x + 3$

(f)  $y = -\frac{2}{9}x + 6$

3.

(a)  $y = x - 7$

(b)  $y = \frac{1}{8}x - 2$

(c)  $y = 10$

4.

(a)  $y = -\frac{1}{2}x - 2$

(b)  $y = x + 2$

(c)  $y = \frac{1}{3}x - 1$

(d)  $y = -6x - 3$