

## Graphing Worksheet 37 Answers

1.

(a)  $y = -\frac{1}{5}x - 1$

(b)  $y = 5x - 27$

2.

(a)  $y = \frac{8}{7}x + \frac{30}{7}$

(b)  $y = -\frac{7}{8}x + \frac{1}{4}$

3.

(a)  $y = -\frac{2}{7}x - \frac{66}{7}$

(b)  $y = \frac{7}{2}x + \frac{19}{2}$

4.

(a)  $y = -5$

(b)  $x = 1$

5.

(a)

i.  $y = 5x - 44$

ii.  $y = -\frac{1}{5}x + \frac{14}{5}$

(b)

i.  $y = -\frac{5}{7}x + 9$

ii.  $y = \frac{7}{5}x - \frac{29}{5}$

(c)

i.  $x = -3$

ii.  $y = -6$

(d)

i.  $y = \frac{10}{7}x - \frac{156}{7}$

ii.  $y = -\frac{7}{10}x - 1$