



1. $(1, -2); (7, 0)$ e $(11, \frac{4}{3})$

2.

2.1. $y = -3ax + 1$

2.2. $x = -\frac{y}{3a}$

2.3. $x = \frac{1}{2-a}$

2.4. $x = -\sqrt{\frac{1}{a}} \vee x = \sqrt{\frac{1}{a}}$

2.5. $x = -\sqrt{9y+1} \vee x = \sqrt{9y+1}$

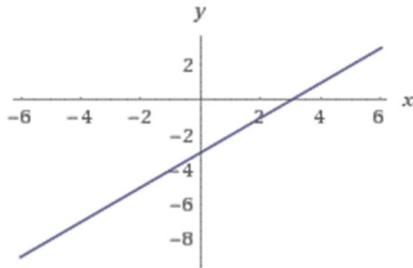
2.6. $x = \frac{1-a}{a}$

2.7. $x = -\sqrt{-\frac{y}{3}} \vee x = \sqrt{-\frac{y}{3}}$

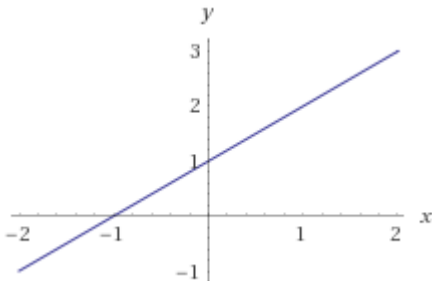
2.8. $x = 0 \vee x = \frac{a}{4}$

2.9. $x = 0 \vee x = 9a$

3. Por exemplo, $y = x - 3$



4. Por exemplo, $y = x + 1$



5. C

6.

6.1. $3x - 4y = 15$

6.2. $y = \frac{10^5}{4}$

6.3. $x = 50$

6.4. $y = \frac{3}{4}x - \frac{15}{4}$

7.

7.1. 104°F

7.2. 100°C

8.

8.1. $4x + 2y = 51$

8.2. $y = -2x + \frac{51}{2}$

8.3. $y = 9,5$

9.

9.1. $y = 1$

9.2. $x = 7$

10.

10.1.

10.1.1. 60°

10.1.2. 140°

10.2. Cinco lados (pentágono regular)

10.3. Dez lados (decágono regular)

11. Por exemplo, $y = 2x$