

1. Where is $g(x) = f(x)$?

$$x = -4, 2$$

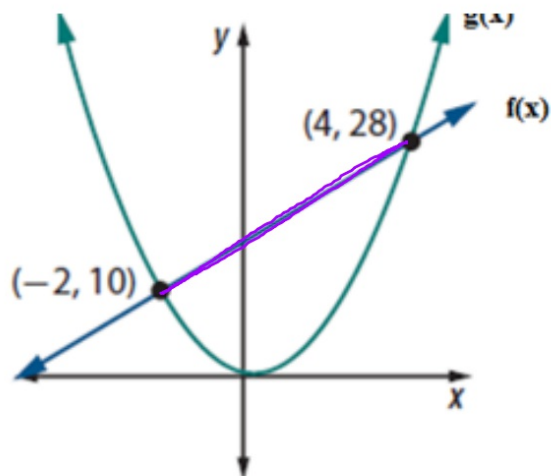
2. Where is $g(x) > f(x)$?

$$(-4, 2)$$

3. Where is $g(x) \leq f(x)$?

$$(-\infty, -4) \cup (2, \infty)$$

4. What is greater $f(5)$ or $g(5)$? Justify your answer.



1. Where is $f(x) = g(x)$?

$$x = -2, 4$$

2. Where is $f(x) > g(x)$?

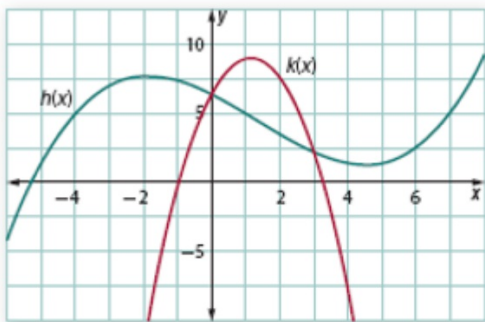
$$(-2, 4)$$

3. Where is $f(x) < g(x)$?

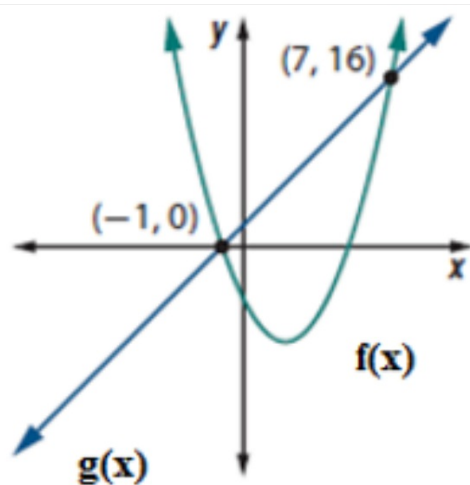
$$(-\infty, -2) \cup (4, \infty)$$

4. What is greater $f(10)$ or $g(10)$? Justify your answer.

Using the graph below answer the following questions.



1. Where is $k(x) = h(x)$?
2. Where is $h(x) > k(x)$?
3. Where is $h(x) \leq k(x)$?
4. What is greater $h(2)$ or $k(2)$?



1. Where is $f(x) = g(x)$?

$$x = -1, 7$$

2. Where is $f(x) > g(x)$?

$$(-\infty, -1) \cup (7, \infty)$$

3. Where is $f(x) < g(x)$?

$$(-1, 7)$$

4. What is greater $f(10)$ or $g(10)$? Justify your answer.

Solve the equation

$$-3x+20=5$$

$$-20 \quad -20$$

$$-3x = -15$$

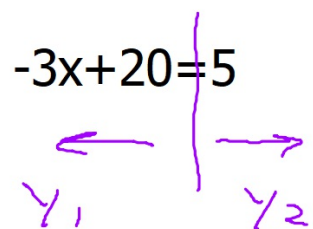
$$x = 5$$

$$5x-12=3$$

$$5x = 15$$

$$x = 3$$

Solve the equation by graphing

$$-3x + 20 = 5$$


y_1 y_2

$$5x - 12 = 3$$

Solve the equation by graphing

$$|x - 4| - 4 = \frac{1}{2}x + 1$$

y_1 y_2

$$x = -\frac{2}{3}, 18$$

Solve the equation by graphing

$$-|x - 2| = -\frac{1}{2}x - 2$$

$$y_1 = -|x - 2|$$

$$y_2 = -\frac{1}{2}x - 2$$

$$x = 0, 8$$