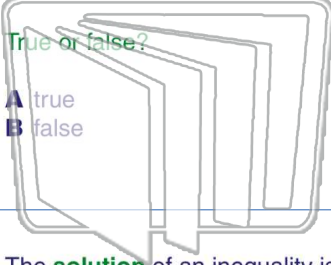




Name _____ Class _____ Date _____

1 When graphing inequalities, the symbols $>$ or $<$ mean the **equation line** should be **solid**.



True or false?

- A true
- B false

2 For the equation, $3x + 2y \geq 12$, the inequality's graph should have a **solid line**.

True or false?

- A true
- B false

3 The **solution** of an inequality is represented on a graph by a **shaded area** either **above or below** the

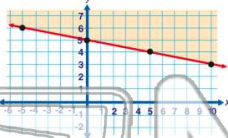
4 Which **inequality** does this graph represent?



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7 A $-x - \frac{1}{5}y \leq 25$



B $x + 5y \geq -25$

C $x + \frac{1}{5}y \geq 25$

D $-x - 5y \leq -25$

- A (-4, -4)
- B (-4, 4)
- C (-4, 0)
- D (-2, 10)

9 Which **ordered pair** is not a solution for the inequality, $x - 4y \geq -24$?

- A (-1, 4)
- B (4, -1)
- C (-8, 8)
- D (8, 8)

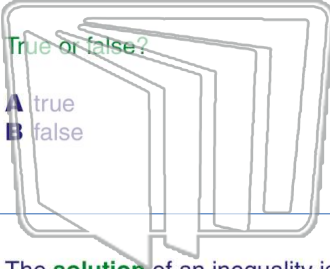
10 Which **ordered pair** is a solution for the inequalities $y > x - 5$ and $y < -2x + 6$?

- A (4, 4)
- B (-3, -3)
- C (4, -8)
- D (8, -2)



Name _____ Class _____ Date _____

1 When graphing inequalities, the symbols $>$ or $<$ mean the **equation line** should be **solid**.



True or false?

- A true
- B false

2 For the equation, $3x + 2y \geq 12$, the inequality's graph should have a **solid line**.

True or false?

- A true
- B false

3 The **solution** of an inequality is represented on a graph by a **shaded area** either **above or below** the

4 Which **inequality** does this graph represent?



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

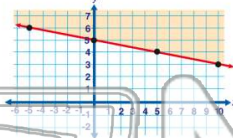
7

A $-x - \frac{1}{5}y \leq 25$

B $x + 5y \geq -25$

C $x + \frac{1}{2}y \geq 25$

D $-x - 5y \leq -25$



A (-4, -4)

B (-4, 4)

C (-4, 0)

D (-2, 10)

9 Which **ordered pair** is not a solution for the inequality, $x - 4y \geq -24$?

A (-1, 4)

B (4, -1)

C (-8, 8)

D (8, 8)

10 Which **ordered pair** is a solution for the inequalities $y > x - 5$ and $y < -2x + 6$?

A (4, 4)

B (-3, -3)

C (4, -8)

D (8, -2)