



Name _____ Class _____ Date _____

1 What is the value of x for the inequality, $3x + 5 < 8$?

- A $x > 1$
- B $x < 1$
- C $x > 4\frac{1}{3}$
- D $x < 4\frac{1}{3}$

2 What is the value of x for the inequality, $4x - 6 > 62$?

- A $x < 14$
- B $x > 14$
- C $x < 17$
- D $x > 17$

3 What is the value of x for the inequality, $-2x + 3 \leq 29$?

- A $x \leq -16$
- B $x \geq -16$
- C $x \geq 16$
- D $x \leq 16$

4 What is the value of x for the inequality, $-x + 6 \geq 17$?

- A $x \geq -23$
- B $x \leq -23$
- C $x \leq -11$
- D $x \geq 11$

5



PREVIEW

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7

- B $x \leq -7$
- C $x \geq -15$
- D $x \leq -15$

- B $x < 2$
- C $x < 11$
- D $x > 11$

9 What is the value of x for the inequality, $-2(5x + 8) \geq 39$?

- A $x \leq 5.5$
- B $x \geq 5.5$
- C $x \geq -5.5$
- D $x \leq -5.5$

10 What is the value of x for the inequality, $-5(2 - \frac{1}{20}x) < -5$?

- A $x < 100$
- B $x > 100$
- C $x < 20$
- D $x > 20$



ANSWER KEY

What is the value of x for the inequality, $3x + 5 < 8$?

- A $x > 1$
- B $x < 1$
- C $x > 4\frac{1}{3}$
- D $x < 4\frac{1}{3}$

(b)

What is the value of x for the inequality, $4x - 6 > 62$?

- A $x < 14$
- B $x > 14$
- C $x < 17$
- D $x > 17$

(d)

What is the value of x for the inequality, $-2x - 3 \leq 29$?

- A $x \leq -16$
- B $x \geq -16$
- C $x \geq 16$
- D $x \leq 16$

(b)

What is the value of x for the inequality, $-x + 6 \geq 17$?

- A $x \geq -23$
- B $x \leq -23$
- C $x \leq -11$
- D $x \geq 11$

(c)



PREVIEW

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What is the value of x for the inequality, $-2(5x + 8) \geq 39$?

- A $x \leq 5.5$
- B $x \geq 5.5$
- C $x \geq -5.5$
- D $x \leq -5.5$

(d)

What is the value of x for the inequality, $-5(2 - \frac{1}{20}x) < -5$?

- A $x < 100$
- B $x > 100$
- C $x < 20$
- D $x > 20$

(c)