

Solving equations and inequalities



Name	Class	Date	

1

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

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



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?

- $\mathbf{A} x \leq -16$
- **B** $x \ge -16$

4

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

- $Ax \ge -23$
- **B** $x \le -23$



5

PREVIEW

7

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- **C** $x \ge -15$
- **D** $X \le -15$

- C x < 11
- **D** x > 11

9

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

- $\mathbf{A} \ X \leq 5.5$
- **B** $x \ge 5.5$
- **C** $x \ge -5.5$
- **D** $X \le -5.5$

10

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

- **A** x < 100
- **B** x > 100
- $C \times < 20$
- **D** x > 20



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Name		Class	Date	
1	What is the value of x for the inequality , $3x + 5 < 8$? A $x > 1$ C $x > 4\frac{1}{3}$ B $x < 1$ D $x < 4\frac{1}{3}$	B 2	What is the value of x for the inequality , 4x - 6 > 62? A $x < 14$ B $x > 14$ C $x < 17$ D $x > 17$	D
3	What is the value of x for the inequality , $-2x - 3 \le 29$? A $x \le -16$ B $x \ge -16$	B A	What is the value of x for the inequality, $-x + 6 \ge 17$? A $x \ge -23$ B $x \le -23$	(C)
5	PR	EVIEW		©
7	Please <u>Sign In</u> or the printable ver C x ≥ -15 D x ≤ -15	_		B
9	What is the value of x for the inequality, -2(5 x + 8) \geq 39? A $x \leq 5.5$ B $x \geq 5.5$ C $x \geq -5.5$ D $x \leq -5.5$		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 $x > 20$	<u>C</u>