Task card 1 Absolute Value Inequalities

$$|3x + 15| < 12$$

Task card 2 Absolute Value Inequalities

$$|2x + 8| > 6$$

Task card 3 Absolute Value Inequalities

$$|2x + 8| < 14$$

Task card 4 Absolute Value Inequalities

$$|2x + 4| > 10$$

Task card 5 Absolute Value Inequalities

$$|x - 6| < 1$$

Task card 6 Absolute Value Inequalities

$$|2x - 14| > 12$$

Task card 7 Absolute Value Inequalities

$$|x - 8| < 3$$

Task card 8 Absolute Value Inequalities

$$|x + 8| > 6$$

Task card 9 Absolute Value Inequalities

$$3|3x - 3| + 9 < 27$$

Task card 10 Absolute Value Inequalities

$$2|4x - 28| - 1 > 55$$

Task card 11 Absolute Value Inequalities

$$2|3x + 18| - 9 < 9$$

Task card 12 Absolute Value Inequalities

$$|4x + 12| + 7 > 19$$

Task card 13 Absolute Value Inequalities

$$|x + 7| + 7 < 9$$

Task card 14 Absolute Value Inequalities

$$2|2x - 8| - 6 > 22$$

Task card 15 Absolute Value Inequalities

$$2|2x + 16| - 6 < -2$$

Task card 16 Absolute Value Inequalities

$$3|3x - 12| - 2 > 52$$

Task card 17 Absolute Value Inequalities

$$|2x + 2| + 4 < 18$$

Task card 18 Absolute Value Inequalities

$$4|5x - 20| - 4 > 56$$

Task card 19 Absolute Value Inequalities

$$|5x - 35| - 2 < 13$$

Task card 20 Absolute Value Inequalities

$$4|5x - 35| + 5 > 105$$

Task card 21 Absolute Value Inequalities

$$2|3x + 3| + 9 < 27$$

Task card 22 Absolute Value Inequalities

$$3|x - 7| - 1 > 5$$

Task card 23 Absolute Value Inequalities

$$3|4x - 16| + 5 < 17$$

Task card 24 Absolute Value Inequalities

$$2|x - 5| + 1 > 5$$

Absolute Value Inequalities Task Cards

Recording sheet · Grade 9 · Solve each inequality. Write "less than" answers like -2 < x < 5 and "greater than" answers like x < -2 or x > 5.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Absolute Value Inequalities Task Cards: Answer Key

Grade 9 · Medium

The answers online

1. $-9 < x < -1$	**2.** $x < -7$ or $x > -1$	**3.** $-11 < x < 3$
4. $x < -7$ or $x > 3$	**5.** $5 < x < 7$	**6.** $x < 1$ or $x > 13$
7. $5 < x < 11$	**8.** $x < -14$ or $x > -2$	**9.** $-1 < x < 3$
10. $x < 0$ or $x > 14$	**11.** $-9 < x < -3$	**12.** $x < -6$ or $x > 0$
13. $-9 < x < -5$	**14.** $x < -3$ or $x > 11$	**15.** $-9 < x < -7$
16. $x < -2$ or $x > 10$	**17.** $-8 < x < 6$	**18.** $x < 1$ or $x > 7$
19. $4 < x < 10$	**20.** $x < 2$ or $x > 12$	**21.** $-4 < x < 2$
22. $x < 5$ or $x > 9$	**23.** $3 < x < 5$	**24.** $x < 3$ or $x > 7$