**Task card 1** Absolute Value Inequalities

$$4|x + 3| - 9 < 19$$

**Task card 2** Absolute Value Inequalities

$$2|3x + 18| + 2 > 8$$

**Task card 3** Absolute Value Inequalities

$$4|4x + 28| + 5 < 85$$

**Task card 4** Absolute Value Inequalities

$$2|x + 4| - 5 > 1$$

**Task card 5** Absolute Value Inequalities

$$3|4x - 20| - 9 < 27$$

**Task card 6** Absolute Value Inequalities

$$4|5x - 35| - 5 > 55$$

**Task card 7** Absolute Value Inequalities

$$|5x| - 5 < 0$$

**Task card 8** Absolute Value Inequalities

$$|3x + 18| + 9 > 15$$

**Task card 9** Absolute Value Inequalities

$$3|3x - 18| - 4 < 50$$

**Task card 10** Absolute Value Inequalities

$$3|x + 4| + 8 > 17$$

**Task card 11** Absolute Value Inequalities

$$2|5x + 35| + 7 < 77$$

**Task card 12** Absolute Value Inequalities

$$2|2x + 10| + 3 > 7$$

**Task card 13** Absolute Value Inequalities

$$2|4x + 20| + 7 < 23$$

**Task card 14** Absolute Value Inequalities

$$|3x + 12| + 5 > 20$$

**Task card 15** Absolute Value Inequalities

$$2|2x + 10| + 4 < 32$$

**Task card 16** Absolute Value Inequalities

$$2|2x + 14| - 3 > 25$$

**Task card 17** Absolute Value Inequalities

$$4|5x - 30| - 4 < 16$$

**Task card 18** Absolute Value Inequalities

$$2|4x - 4| + 6 > 62$$

**Task card 19** Absolute Value Inequalities

$$|x - 7| + 9 < 12$$

**Task card 20** Absolute Value Inequalities

$$|5x - 25| + 4 > 24$$

**Task card 21** Absolute Value Inequalities

$$2|2x - 16| - 9 < 19$$

**Task card 22** Absolute Value Inequalities

$$|5x + 20| - 5 > 25$$

**Task card 23** Absolute Value Inequalities

$$4|x + 6| + 6 < 30$$

**Task card 24** Absolute Value Inequalities

$$3|3x - 18| + 2 > 47$$

# 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 · Hard

The answers online

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