Task card 1 Compound Inequalities

$$6 < 3x < 15$$

Task card 2 Compound Inequalities

$$2x - 6 < -4 \text{ or } x + 7 > 10$$

Task card 3 Compound Inequalities

$$-21 < 3x < -15$$

Task card 4 Compound Inequalities

Write the compound inequality shown on the number line.



Task card 5 Compound Inequalities

$$-21 < 3x < 3$$

Task card 6 Compound Inequalities

$$2x + 8 < -6 \text{ or } 2x + 8 > 0$$

Task card 7 Compound Inequalities

$$-6 < 2x < 0$$

Task card 8 Compound Inequalities

Write the compound inequality shown on the number line.



Task card 9 Compound Inequalities

$$-1 < 3x - 7 < 5$$

Task card 10 Compound Inequalities

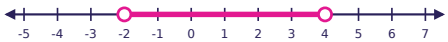
$$2x - 7 < -21 \text{ or } 3x - 9 > -12$$

Task card 11 Compound Inequalities

$$-8 < 2x - 6 < 0$$

Task card 12 Compound Inequalities

Write the compound inequality shown on the number line.



Task card 13 Compound Inequalities

$-15 < 3x - 6 < -9$

Task card 14 Compound Inequalities

$2x + 3 < 7$ or $3x - 7 > 11$

Task card 15 Compound Inequalities

$-11 < 3x + 1 < -5$

Task card 16 Compound Inequalities

Write the compound inequality shown on the number line.



Task card 17 Compound Inequalities

$15 < 5x + 5 < 25$

Task card 18 Compound Inequalities

$x + 2 < 4$ or $x + 4 > 8$

Task card 19 Compound Inequalities

$$2 < 5x - 8 < 12$$

Task card 20 Compound Inequalities

Write the compound inequality shown on the number line.



Task card 21 Compound Inequalities

$$-7 < 3x - 1 < 2$$

Task card 22 Compound Inequalities

$$3x - 7 < -10 \text{ or } 2x - 6 > 8$$

Task card 23 Compound Inequalities

$$-24 < 5x - 9 < 16$$

Task card 24 Compound Inequalities

Write the compound inequality shown on the number line.



Compound Inequalities Task Cards

Recording sheet · Grade 9 · Solve each inequality or write the inequality that is graphed. Write "and" answers like -2 < x < 5 and "or" 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

Compound Inequalities Task Cards: Answer Key

Grade 9 · Easy

The answers online

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