Task card 1 Compound Inequalities

$$-35 < 6x + 7 < -23$$

Task card 2 Compound Inequalities

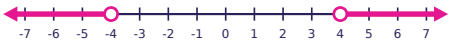
$$2x + 8 < 6 \text{ or } 4x + 8 > 32$$

Task card 3 Compound Inequalities

$$-1 < 3x + 2 < 8$$

Task card 4 Compound Inequalities

Write the compound inequality shown on the number line.



Task card 5 Compound Inequalities

$$-28 < 5x - 3 < -8$$

Task card 6 Compound Inequalities

$$5x + 5 < -5 \text{ or } 3x - 5 > 4$$

Task card 7 Compound Inequalities

$-22 < 5x - 2 < -7$

Task card 8 Compound Inequalities

Write the compound inequality shown on the number line.



Task card 9 Compound Inequalities

$-30 < -4x - 6 < -14$

Task card 10 Compound Inequalities

$5x + 3 < -22$ or $5x + 3 > 8$

Task card 11 Compound Inequalities

$-31 < 6x - 7 < -19$

Task card 12 Compound Inequalities

Write the compound inequality shown on the number line.



Task card 13 Compound Inequalities

$-17 < 3x - 2 < -2$

Task card 14 Compound Inequalities

$x - 1 < 2$ or $6x + 8 > 50$

Task card 15 Compound Inequalities

$-39 < -6x + 3 < -15$

Task card 16 Compound Inequalities

Write the compound inequality shown on the number line.



Task card 17 Compound Inequalities

$16 < -2x + 8 < 24$

Task card 18 Compound Inequalities

$6x - 8 < -32$ or $2x - 1 > -3$

Task card 19 Compound Inequalities

$$-2 < -2x - 2 < 6$$

Task card 20 Compound Inequalities

Write the compound inequality shown on the number line.



Task card 21 Compound Inequalities

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

Task card 22 Compound Inequalities

$$-3x - 9 > 12 \text{ or } -x - 3 < 0$$

Task card 23 Compound Inequalities

$$11 < 6x - 7 < 53$$

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 · Medium

The answers online

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