Compound Inequalities · 1

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

Compound Inequalities · 2

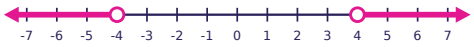
$2x + 8 < 6$ or $4x + 8 > 32$

Compound Inequalities · 3

$-1 < 3x + 2 < 8$

Compound Inequalities · 4

Write the compound inequality shown on the number line.



Compound Inequalities · 5

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

Compound Inequalities · 6

$5x + 5 < -5$ or $3x - 5 > 4$

Compound Inequalities · 7

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

Compound Inequalities · 8

Write the compound inequality shown on the number line.



Compound Inequalities · 2

ANSWER

$x < -1$ or $x > 6$

Compound Inequalities · 1

ANSWER

$-7 < x < -5$

Compound Inequalities · 4

ANSWER

$x < -4$ or $x > 4$

Compound Inequalities · 3

ANSWER

$-1 < x < 2$

Compound Inequalities · 6

ANSWER

$x < -2$ or $x > 3$

Compound Inequalities · 5

ANSWER

$-5 < x < -1$

Compound Inequalities · 8

ANSWER

$0 < x < 6$

Compound Inequalities · 7

ANSWER

$-4 < x < -1$

Compound Inequalities · 9

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

Compound Inequalities · 10

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

Compound Inequalities · 11

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

Compound Inequalities · 12

Write the compound inequality shown on the number line.



Compound Inequalities · 13

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

Compound Inequalities · 14

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

Compound Inequalities · 15

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

Compound Inequalities · 16

Write the compound inequality shown on the number line.



Compound Inequalities · 10

ANSWER

$x < -5$ or $x > 1$

Compound Inequalities · 9

ANSWER

$2 < x < 6$

Compound Inequalities · 12

ANSWER

$3 < x < 9$

Compound Inequalities · 11

ANSWER

$-4 < x < -2$

Compound Inequalities · 14

ANSWER

$x < 3$ or $x > 7$

Compound Inequalities · 13

ANSWER

$-5 < x < 0$

Compound Inequalities · 16

ANSWER

$2 < x < 7$

Compound Inequalities · 15

ANSWER

$3 < x < 7$

Compound Inequalities · 17

$16 < -2x + 8 < 24$

Compound Inequalities · 18

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

Compound Inequalities · 19

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

Compound Inequalities · 20

Write the compound inequality shown on the number line.



Compound Inequalities · 21

$-6 < 3x - 9 < 9$

Compound Inequalities · 22

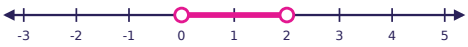
$-3x - 9 > 12$ or $-x - 3 < 0$

Compound Inequalities · 23

$11 < 6x - 7 < 53$

Compound Inequalities · 24

Write the compound inequality shown on the number line.



Compound Inequalities · 18

ANSWER

$x < -4$ or $x > -1$

Compound Inequalities · 17

ANSWER

$-8 < x < -4$

Compound Inequalities · 20

ANSWER

$x < 0$ or $x > 6$

Compound Inequalities · 19

ANSWER

$-4 < x < 0$

Compound Inequalities · 22

ANSWER

$x < -7$ or $x > -3$

Compound Inequalities · 21

ANSWER

$1 < x < 6$

Compound Inequalities · 24

ANSWER

$0 < x < 2$

Compound Inequalities · 23

ANSWER

$3 < x < 10$