Compound Inequalities · 1

$6 < 3x < 15$

Compound Inequalities · 2

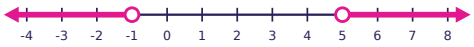
$2x - 6 < -4$ or $x + 7 > 10$

Compound Inequalities · 3

$-21 < 3x < -15$

Compound Inequalities · 4

Write the compound inequality shown on the number line.



Compound Inequalities · 5

$-21 < 3x < 3$

Compound Inequalities · 6

$2x + 8 < -6$ or $2x + 8 > 0$

Compound Inequalities · 7

$-6 < 2x < 0$

Compound Inequalities · 8

Write the compound inequality shown on the number line.



Compound Inequalities · 2

ANSWER

$x < 1$ or $x > 3$

Compound Inequalities · 1

ANSWER

$2 < x < 5$

Compound Inequalities · 4

ANSWER

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

Compound Inequalities · 3

ANSWER

$-7 < x < -5$

Compound Inequalities · 6

ANSWER

$x < -7$ or $x > -4$

Compound Inequalities · 5

ANSWER

$-7 < x < 1$

Compound Inequalities · 8

ANSWER

$0 < x < 7$

Compound Inequalities · 7

ANSWER

$-3 < x < 0$

Compound Inequalities · 9

$-1 < 3x - 7 < 5$

Compound Inequalities · 10

$2x - 7 < -21$ or $3x - 9 > -12$

Compound Inequalities · 11

$-8 < 2x - 6 < 0$

Compound Inequalities · 12

Write the compound inequality shown on the number line.



Compound Inequalities · 13

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

Compound Inequalities · 14

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

Compound Inequalities · 15

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

Compound Inequalities · 16

Write the compound inequality shown on the number line.



Compound Inequalities · 10

ANSWER

$x < -7$ or $x > -1$

Compound Inequalities · 9

ANSWER

$2 < x < 4$

Compound Inequalities · 12

ANSWER

$-2 < x < 4$

Compound Inequalities · 11

ANSWER

$-1 < x < 3$

Compound Inequalities · 14

ANSWER

$x < 2$ or $x > 6$

Compound Inequalities · 13

ANSWER

$-3 < x < -1$

Compound Inequalities · 16

ANSWER

$-5 < x < -2$

Compound Inequalities · 15

ANSWER

$-4 < x < -2$

Compound Inequalities · 17

$15 < 5x + 5 < 25$

Compound Inequalities · 18

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

Compound Inequalities · 19

$2 < 5x - 8 < 12$

Compound Inequalities · 20

Write the compound inequality shown on the number line.



Compound Inequalities · 21

$-7 < 3x - 1 < 2$

Compound Inequalities · 22

$3x - 7 < -10$ or $2x - 6 > 8$

Compound Inequalities · 23

$-24 < 5x - 9 < 16$

Compound Inequalities · 24

Write the compound inequality shown on the number line.



Compound Inequalities · 18

ANSWER

$x < 2$ or $x > 4$

Compound Inequalities · 17

ANSWER

$2 < x < 4$

Compound Inequalities · 20

ANSWER

$1 < x < 4$

Compound Inequalities · 19

ANSWER

$2 < x < 4$

Compound Inequalities · 22

ANSWER

$x < -1$ or $x > 7$

Compound Inequalities · 21

ANSWER

$-2 < x < 1$

Compound Inequalities · 24

ANSWER

$3 < x < 11$

Compound Inequalities · 23

ANSWER

$-3 < x < 5$