

Identifying Solutions - MCQ

One-step: S1

Choose the correct solution that best describes each inequality.

1) $x + 6 \geq 14$ or $x - 2 \leq 3$

a) $x \leq 5$ or $x \geq 8$

b) $x \leq 5$

c) $5 \leq x \leq 8$

d) $x \geq 8$

2) $2x < 12$ and $x - 1 \geq 2$

a) $x < 6$

b) $3 < x \leq 6$

c) $x \leq 3$

d) $3 \leq x < 6$

3) $3x < 21$ or $5x > 5$

a) $x < -11$ or $x > 7$

c) $x < 7$

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b) $x < -8$

d) $-20 \leq x < 8$

5) $\frac{x}{2} > 4$ and $\frac{x}{9} < 2$

a) $x > 8$ and $x < 18$

c) $x > 8$

4) $x > 13$

b) $x \geq 3$

d) $x > 9$

7) $16 \leq 4x < 28$

a) $x \geq 7$

c) $7 \geq x > 4$

d) $4 \leq x < 7$

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b) $4 \leq x < 18$

d) $x \geq 18$

9) $7x \geq 49$ or $2x < -16$

a) $x \geq 7$

b) $-8 < x \leq 7$

c) $x < -8$ or $x \geq 7$

d) $x < -8$

10) $10 + x \geq 7$ and $3x \leq 36$

a) $3 \leq x \leq 12$

b) $x \leq 12$

c) $x \geq -3$

d) $x \geq -3$ and $x \leq 12$