

# Solving Compound Inequalities

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Solve each inequality.

1)  $6 \leq 2x < 8$

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2)  $-2 > 5a + 3$  and  $1 + 7a \leq 15$

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3)  $4u > 16$  or  $9 < -4u + 1$

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4)  $-14 < y - 11 \leq -12$

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5)  $7 < 6s + 1$  or  $3s + 4 \geq 1$

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6)  $9 \leq 4v + 1 < 13$

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7)  $20 < 10r$  and  $3 + 6r < -3$

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8)  $-3 < \frac{m}{4} < 5$

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