

# One-Step Inequalities

Choose the solution that describes each inequality.

1)  $x - 2 \leq 12$

- a)  $(-\infty, -14)$       b)  $(-\infty, 14)$   
 c)  $(-\infty, -14]$       d)  $(-\infty, 14]$

2)  $\frac{x}{5} < 2$

- a)  $[10, \infty)$       b)  $(-\infty, 10)$   
 c)  $(-\infty, 10]$       d)  $(10, \infty)$

# Preview

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- a)  $(-\infty, 8]$       b)  $[8, \infty)$   
 c)  $(-\infty, 8)$       d)  $(8, \infty)$

- a)  $(-\infty, 27]$       b)  $[27, \infty)$   
 c)  $(-\infty, 27)$       d)  $(27, \infty)$

9)  $x + 4 \leq 19$

- a)  $(-\infty, 15]$       b)  $(15, \infty)$   
 c)  $[15, \infty)$       d)  $(-\infty, 15)$

10)  $x - 9 < 15$

- a)  $(-\infty, 24]$       b)  $(-\infty, -24)$   
 c)  $(-\infty, -24]$       d)  $(-\infty, 24)$