One-Step Inequalities

Choose the solution that describes each inequality.

1) $\frac{x}{4} \leq 4$

a) $(16, \infty)$ b) $(-\infty, 16)$

c) $(-\infty, 16]$ d) $[16, \infty)$

2) $x + 5 < 11$

a) $(6, \infty)$ b) $(-\infty, 6]$

c) $[6, \infty)$ d) $(-\infty, 6)$

Preview

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a) $[4, \infty)$ b) $(-\infty, -4)$

c) $(4, \infty)$ d) $(-4, \infty)$

a) $(18, \infty)$ b) $[18, \infty)$

c) $(-\infty, 18)$ d) $(-\infty, 18]$

9) $\frac{x}{2} \geq 3$

a) $(-\infty, 6)$ b) $(-\infty, 6]$

c) $[6, \infty)$ d) $(6, \infty)$

10) $3x < 27$

a) $(-\infty, -9)$ b) $(-\infty, 9)$

c) $(9, \infty)$ d) $(-\infty, 9]$