

Multi-Step Inequalities

Choose the solution that describes each inequality.

<p>1) $4(2 + 5x) > 48$</p> <p>a) $(2, \infty)$ b) $(-2, \infty)$</p> <p>c) $(-\infty, 2)$ d) $(-\infty, -2)$</p>	<p>2) $\frac{8x + 4}{2} \geq 6$</p> <p>a) $(-\infty, 1]$ b) $(1, \infty)$</p> <p>c) $(-\infty, 1)$ d) $(1, \infty]$</p>
<p>3) $2x - 5 < 1$</p> <p>a) $(-2, 3)$ b) $(-2, 3]$</p> <p>c) $(-3, 2)$ d) $(-3, 2]$</p>	<p>4) $3x + 1 \leq 10$</p> <p>a) $(-\infty, 3]$ b) $(-\infty, 3)$</p> <p>c) $(3, \infty)$ d) $(3, \infty]$</p>
<p>5) $5x - 1 > 26$</p> <p>a) $(5, \infty)$ b) $(5, \infty]$</p> <p>c) $(6, \infty)$ d) $(6, \infty]$</p>	<p>6) $4x + 3 \leq 23$</p> <p>a) $(-\infty, 5]$ b) $(-\infty, 5)$</p> <p>c) $(5, \infty)$ d) $(5, \infty]$</p>
<p>7) $\frac{3x - 2}{8} \geq 5$</p> <p>a) $[-14, \infty)$ b) $(-\infty, 14)$</p> <p>c) $[14, \infty)$ d) $(14, \infty)$</p>	<p>8) $\frac{x}{4} + 2x \leq 9$</p> <p>a) $(-\infty, 4]$ b) $(-4, \infty)$</p> <p>c) $[4, \infty)$ d) $(-\infty, -4)$</p>

Preview

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