Solving & Graphing Inequalities

One-step: S1

Solve each problem and graph the solutions.

1)
$$x + 9 > 6$$
 or $x - 1 \le -10$



2)
$$x-2 \le 3$$
 and $\frac{x}{7} > -5$



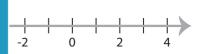
3) $4x < 8 \text{ and } \frac{x}{3} \le -2$

PREVIEW

x ≥ –24

-8 -7 -6 -5 -4 -3 -2

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5) $\frac{x}{2} \le 1 \text{ or } x + 9 > 14$



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7) $3 \le x - 6 < 12$



8) $x + 12 \ge 5$ and $\frac{x}{2} > 7$

