

Multi-Step Inequalities

Choose the solution that describes each inequality.

1) $\frac{5x + 3}{2} \geq 14$

2) $9(2x - 17) < 45$

a) $(-\infty, 5]$

b) $(-5, \infty)$

a) $(-\infty, -11)$

b) $(-\infty, 11]$

c) $(5, \infty)$

d) $(-5, \infty)$

c) $(-11, \infty)$

d) $(-\infty, 11)$

3)

a)

c)

5)

a)

c) $(-1, \infty)$

d) $(-\infty, -1)$

c) $(-\infty, 6)$

d) $(-\infty, -6]$

7) $\frac{4x - 6}{2} < 11$

8) $\frac{9x + 7}{11} \leq 8$

a) $(-\infty, 7)$

b) $[-7, \infty)$

a) $[9, \infty)$

b) $(-9, \infty)$

c) $(7, \infty)$

d) $(-\infty, -7)$

c) $(-\infty, 9]$

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

Preview

Become a member to unlock
unrestricted access to both printable
and online worksheets.



www.tutoringhour.com