Name : _____ Score : _____

Identifying Solutions

MS5

Choose the correct solution that best describes each inequality.

1) $8x < 104$

a) $(13, \infty)$ b) $(-\infty, 13)$

c) $(-\infty, 13]$ d) $[13, \infty)$

2) $\frac{x}{7} > -12$

a) $(-\infty, -84)$ b) $(-\infty, -84]$

c) $[-84, \infty)$ d) $(-84, \infty)$

3) $x - 28 \geq 11$

a) $[39, \infty)$ b) $(-25, \infty)$

c) $(39, \infty)$ d) $[25, \infty)$

5) $15 + x > -27$

a) $[-42, \infty)$ b) $(-\infty, 3]$

c) $[42, \infty)$ d) $(3, \infty)$

7) $10 \leq \frac{x}{4}$

a) $(-\infty, 40)$ b) $(-\infty, -13)$

c) $(40, \infty)$ d) $(-\infty, 40]$ c) $(-13, \infty)$ d) $(-\infty, -13]$

9) $95 < -5x$

a) $(-\infty, -19)$ b) $(-\infty, -19]$

c) $[-19, \infty)$ d) $(-\infty, 19)$

10) $x + 19 \leq -14$

a) $(-33, \infty)$ b) $(-\infty, -33)$

c) $(-\infty, -33]$ d) $[-33, \infty)$

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