Name : _____   Score : _____

Identifying Solutions

ES1

Choose the correct solution that best describes each inequality.

1) $5x - 2 \geq 3$

a) $(-\infty, -1)$ b) $(-1, \infty)$

c) $(-\infty, 1]$ d) $[1, \infty)$

2) $6x + 2 < 14$

a) $(-2, \infty)$ b) $(-\infty, 2)$

c) $(-\infty, 2]$ d) $[2, \infty)$

3) $\dfrac{x - 1}{4} \leq 3$

a) $(-\infty, 13]$

c) $[13, \infty)$

b) $(-\infty, 4]$

d) $[4, \infty)$

5) $19 + 2x > 5$

a) $(-\infty, 7)$

c) $[-7, \infty)$

b) $(-\infty, 1]$

d) $[1, \infty)$

7) $5x - 17 \geq 3$

a) $(-\infty, 4)$

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

b) $(-\infty, -2)$

c) $(-\infty, -2]$ d) $(-2, \infty)$

9) $\dfrac{x}{7} + 1 > 5$

a) $(28, \infty)$ b) $(-\infty, 28]$

c) $[28, \infty)$ d) $(-28, \infty)$

10) $\dfrac{x + 9}{3} \geq 6$

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

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

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com