

Identifying Solutions

Sheet 2

Choose the correct interval that best describes each inequality.

1) $x \geq -4$

- a) $(-4, \infty)$ b) $(-\infty, -4)$
c) $(-\infty, -4]$ d) $[-4, \infty)$

2) $15 \geq x$

- a) $(-\infty, 15]$ b) $[15, \infty)$
c) $(-\infty, 15)$ d) $(15, \infty)$

3) $x < 22$

- a) $[22, \infty)$
c) $(-\infty, 22]$

- b) $[29, \infty)$
d) $(-\infty, 29)$

5) $18 \leq x$

- a) $(-\infty, 18)$
c) $[18, \infty)$

- b) $(-3, \infty)$
d) $[-3, \infty)$

7) $x > 26$

- a) $(-\infty, 26)$
c) $(-\infty, 26]$

- d) $[26, \infty)$

- c) $(-\infty, -12)$

- b) $(-\infty, -12]$
d) $(-\infty, 12)$

9) $x \leq -21$

- a) $(-\infty, -21]$ b) $(-\infty, -21)$
c) $(-21, \infty)$ d) $[-21, \infty)$

10) $x \geq 7$

- a) $[-7, \infty)$ b) $[7, \infty)$
c) $(-7, \infty)$ d) $(7, \infty)$

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