

Identifying Solutions

ES4

Choose the correct solution that best describes each inequality.

1) $11x + 6 \geq 17$

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

2) $\frac{x-10}{4} < 13$

- a) $[-62, \infty)$ b) $(-\infty, 62]$
 c) $(-\infty, 62)$ d) $(62, \infty)$

3) $\frac{x}{5} - 3 > 14$

- a) $(-\infty, 85]$
 c) $(85, \infty)$

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

5) $\frac{x+5}{8} < 4$

- a) $(-\infty, -27]$
 c) $[27, \infty)$

- b) $(-16, \infty)$
 d) $[16, \infty)$

7) $13 + 9x \leq 22$

- a) $(-\infty, 1]$
 c) $(1, \infty)$

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

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

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

9) $7x - 4 > 24$

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

10) $2 + 2x < 16$

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

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

Identifying Solutions

ES4

Choose the correct solution that best describes each inequality.

1) $11x + 6 \geq 17$

a) $[1, \infty)$

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

c) $(-1, \infty)$

d) $(-\infty, 1]$

2) $\frac{x-10}{4} < 13$

a) $[-62, \infty)$

b) $(-\infty, 62]$

c) $(-\infty, 62)$

d) $(62, \infty)$

3) $\frac{x}{5} - 3 > 14$

a) $(-\infty, 85]$

c) $(85, \infty)$

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

b) $(-\infty, 2]$

d) $[-2, \infty)$

5) $\frac{x+5}{8} < 4$

a) $(-\infty, -27]$

c) $[27, \infty)$

b) $(-16, \infty)$

d) $[16, \infty)$

7) $13 + 9x \leq 22$

b) $(-\infty, 1]$

c) $(1, \infty)$

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

c) $(-9, \infty)$

b) $(9, \infty)$

d) $(-\infty, 9]$

9) $7x - 4 > 24$

a) $(-\infty, -4)$

b) $(-\infty, 4]$

c) $(-4, \infty)$

d) $(4, \infty)$

10) $2 + 2x < 16$

a) $(-7, \infty)$

b) $(-\infty, 7]$

c) $(7, \infty)$

d) $(-\infty, 7)$