

Name: _____

Absolute Value

Find the absolute values.

a. $|-4|$ _____

b. $|26|$ _____

c. $|-18|$ _____

d. $|-3|$ _____

e. $|-44|$ _____

f. $|65|$ _____

g. $|-99|$ _____

h. $|-6|$ _____

i. $|-128|$ _____

j. $|28|$ _____

Compare. Use $<$, $>$, or $=$.

k. $|-4|$ _____ $|-5|$

l. 17 _____ $|-17|$

m. $|29|$ _____ $|-29|$

n. 58 _____ $|-59|$

o. 30 _____ $|-28|$

p. $|-7|$ _____ 0

q. $|86|$ _____ $|-68|$

r. $|14|$ _____ -14

s. $|-156|$ _____ $|-165|$

t. $|3|$ _____ $|-3|$

The equation $|x| = 100$ has two solutions. $x = -100$ and $x = 100$
Write two solutions for each variable in the equations below.

u. $|a| = 7$ $a =$ _____ and $a =$ _____

v. $|p| = 41$ $p =$ _____ and $p =$ _____

w. $|y| = 256$ $y =$ _____ and $y =$ _____

ANSWER KEY

Absolute Value

Find the absolute values.

a. $|-4|$ 4

b. $|26|$ 26

c. $|-18|$ 18

d. $|-3|$ 3

e. $|-44|$ 44

f. $|65|$ 65

g. $|-99|$ 99

h. $|-6|$ 6

i. $|-128|$ 128

j. $|28|$ 28

Compare. Use $<$, $>$, or $=$.

k. $|-4|$ $<$ $|-5|$

l. 17 $=$ $|-17|$

m. $|29|$ $=$ $|-29|$

n. 58 $<$ $|-59|$

o. 30 $>$ $|-28|$

p. $|-7|$ $>$ 0

q. $|86|$ $>$ $|-68|$

r. $|14|$ $>$ -14

s. $|-156|$ $<$ $|-165|$

t. $|3|$ $=$ $|-3|$

The equation $|x| = 100$ has two solutions. $x = -100$ and $x = 100$
Write two solutions for each variable in the equations below.

u. $|a| = 7$ $a =$ -7 and $a =$ 7

v. $|p| = 41$ $p =$ -41 and $p =$ 41

w. $|y| = 256$ $y =$ -256 and $y =$ 256