

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  $y =$  \_\_\_\_\_