ABSOLUTE VALUE QUESTIONS

NAME: _____

1. Evaluate

a. $|6|$ _____

b. $|-12|$ _____

c. $-|2|$ _____

d. $|-2|$ _____

e. $-|-3|$ _____

f. $|-3|+|2|$ _____

g. $|-4|+|4|$ _____

h. $|-4-(-2)|$ _____

2. Insert an absolute value symbol to make the equation true

a. $-2-(-3)-(-4)=3$

b. $-1+(-2)-(-3)=-2$

c. $-2-(-3)-(-4)=-9$

d. $-1+(-2)-(-3)=4$

e. $-2-(-3)-(-4)=-1$

f. $-3-(-4)=-1$

3. Fill in the table of values for each absolute value function, and then plot each function.

$y=|x-1|$

x	y

$y=|2x+4|$

x	y

$y=|\frac{1}{2}x-1|$

x	y

$y=|x^2-4|$

x	y