Evaluate each expression:

Name

2)
$$|-8| + |4| =$$

$$|-13| - |3| =$$

4)
$$4|-3| =$$

5)
$$|15-7| - |4-7| =$$
 6) $-|-5| + |6| =$

6)
$$-|-5| + |6| =$$

- 7) The average temperature of Saturn is -218°F while the average temperature of Jupiter is -162°F. Which planet has the lower average temperature? Explain.
- 8) Determine whether each statement is SOMETIMES, ALWAYS, or NEVER true. Explain.

a)
$$|x| = |-x|$$
 Sometimes

Always

Never

Why? _____

b)
$$|x| = -|x|$$
 Sometimes Always

Never

c)
$$|-x| = -|x|$$
 Sometimes Always

Never

9) What values of x make the statement |x| = 7 true?