

Name: _____

Date: _____

Hour: _____

Homework 4.2- Multiplying and Dividing Expressions

Evaluate $13r$ for the following values of r . You MUST show your work to earn full credit.

1.) -4

2.) 1.5

3.) 7

4.) $\frac{1}{2}$

Evaluate $2t + 1$ for the following values of t . You MUST show your work to earn full credit.

5.) 10

6.) 8.5

7.) -6.2

8.) $\frac{3}{4}$

Simplify the following expressions.

9.) $2 \cdot 6x$

10.) $-6x \cdot 2$

11.) $6x \cdot 2x$

12.) $-66x \div 2$

$$13.) 12x \cdot 3x$$

$$14.) -2(6x + 3)$$

$$15.) -1.2x \cdot 3x$$

$$16.) -12x \div 3$$

$$17.) 7x - (3 - x)$$

$$18.) -3(7x - 3)$$

$$19.) -2(4x - 1)$$

$$20.) 3x \cdot 5 + 2x \cdot 2$$

$$21.) -2 \cdot 8x$$

$$22.) 8x \cdot 2x$$

$$23.) -8x \div 2$$

$$24.) -21x \cdot 3x$$

$$25.) 2.1x \cdot 3x$$

$$26.) -21x \div 7$$

$$27.) 8x - (2 - 5x)$$

$$28.) 8(x + 1) - (2 - 5x)$$