

Name: _____



Pre Algebra Expressions

Use the known variable to evaluate each expression. Show your work. (4 Operations) NOTE: a dot means to multiply.

Evaluate each expression when $y = 10$.

1. $2 + \frac{4+y}{y \cdot 7} - 2 =$

2. $2 + \frac{9+y}{y \cdot 2} - 6 =$

3. $6 + \frac{6+y}{y \cdot 7} - 10 =$

4. $10 + \frac{4+y}{y \cdot 10} - 6 =$

5. $9 + \frac{6+y}{y \cdot 5} - 7 =$

6. $4 + \frac{2+y}{y \cdot 8} - 9 =$

7. $6 + \frac{6+y}{y \cdot 10} - 4 =$

8. $4 + \frac{5+y}{y \cdot 4} - 7 =$

9. $8 + \frac{9+y}{y \cdot 6} - 10 =$

10. $8 + \frac{9+y}{y \cdot 6} - 9 =$

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Use the known variable to evaluate each expression. Show your work. (4 Operations) NOTE: a dot means to multiply.

Evaluate each expression when $y = 10$.

$$1. \quad 2 + \frac{4+y}{y \cdot 7} - 2 = 0.2$$

$$2. \quad 2 + \frac{9+y}{y \cdot 2} - 6 = -3.0$$

$$3. \quad 6 + \frac{6+y}{y \cdot 7} - 10 = -3.8$$

$$4. \quad 10 + \frac{4+y}{y \cdot 10} - 6 = 4.1$$

$$5. \quad 9 + \frac{6+y}{y \cdot 5} - 7 = 2.3$$

$$6. \quad 4 + \frac{2+y}{y \cdot 8} - 9 = -4.8$$

$$7. \quad 6 + \frac{6+y}{y \cdot 10} - 4 = 2.2$$

$$8. \quad 4 + \frac{5+y}{y \cdot 4} - 7 = -2.6$$

$$9. \quad 8 + \frac{9+y}{y \cdot 6} - 10 = -1.7$$

$$10. \quad 8 + \frac{9+y}{y \cdot 6} - 9 = -0.7$$