

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 $y = 5$.

1. $6 + \frac{5+y}{y \cdot 5} - 10 =$

2. $3 + \frac{9+y}{y \cdot 4} - 7 =$

3. $9 + \frac{3+y}{y \cdot 2} - 3 =$

4. $7 + \frac{4+y}{y \cdot 10} - 3 =$

5. $8 + \frac{3+y}{y \cdot 8} - 5 =$

6. $10 + \frac{4+y}{y \cdot 7} - 9 =$

7. $9 + \frac{3+y}{y \cdot 8} - 4 =$

8. $2 + \frac{4+y}{y \cdot 4} - 7 =$

9. $8 + \frac{7+y}{y \cdot 2} - 5 =$

10. $7 + \frac{5+y}{y \cdot 9} - 5 =$

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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 $y = 5$.

1. $6 + \frac{5+y}{y \cdot 5} - 10 = -3.6$

2. $3 + \frac{9+y}{y \cdot 4} - 7 = -3.3$

3. $9 + \frac{3+y}{y \cdot 2} - 3 = 6.8$

4. $7 + \frac{4+y}{y \cdot 10} - 3 = 4.2$

5. $8 + \frac{3+y}{y \cdot 8} - 5 = 3.2$

6. $10 + \frac{4+y}{y \cdot 7} - 9 = 1.3$

7. $9 + \frac{3+y}{y \cdot 8} - 4 = 5.2$

8. $2 + \frac{4+y}{y \cdot 4} - 7 = -4.6$

9. $8 + \frac{7+y}{y \cdot 2} - 5 = 4.2$

10. $7 + \frac{5+y}{y \cdot 9} - 5 = 2.2$