

Name: _____



Pre Algebra Expressions

Use the known variable to evaluate each expression. Show your work.
(Division, Addition, Division, Multiplication, Parenthesis, Exponents)
Mixed.

Evaluate each expression when $y = 13$.

1. $13 \cdot y^2 + 7 \cdot y^2 =$

2. $(y5)^2 =$

3. $7 + (7 \cdot y + 6) =$

4. $\frac{8+y}{y+8} =$

5. $4 + (13 \cdot y + 11) =$

6. $14^2 + y^2 =$

7. $(y8)^2 =$

8. $8 + \frac{14}{y} + 2^2 =$

9. $18 + \frac{y}{12} =$

10. $5 + (3 \cdot y + 2) =$

Name:



Pre Algebra Expressions

Use the known variable to evaluate each expression. Show your work.
(Division, Addition, Division, Multiplication, Parenthesis, Exponents)
Mixed.

Evaluate each expression when $y = 13$.

1. $13 \cdot y^2 + 7 \cdot y^2 = 3,380$

2. $(y5)^2 = 4,225$

3. $7 + (7 \cdot y + 6) = 104$

4. $\frac{8+y}{y+8} = 1$

5. $4 + (13 \cdot y + 11) = 184$

6. $14^2 + y^2 = 365$

7. $(y8)^2 = 10,816$

8. $8 + \frac{14}{y} + 2^2 = 13.1$

9. $18 + \frac{y}{12} = 19.1$

10. $5 + (3 \cdot y + 2) = 46$