

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 $y = 39$.

1. $50^2 + y^2 =$

2. $3 + \frac{y}{13} =$

3. $17 + \frac{y}{39} =$

4. $33^2 + y^2 =$

5. $46 + \frac{47}{y} + 11^2 =$

6. $8^2 + y^2 =$

7. $17 + \frac{y}{45} =$

8. $18 + \frac{23}{y} + 45^2 =$

9. $43^2 + y^2 =$

10. $23 \cdot y^2 + 25 \cdot y^2 =$

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 $y = 39$.

1. $50^2 + y^2 = 4,021$

2. $3 + \frac{y}{13} = 6$

3. $17 + \frac{y}{39} = 18$

4. $33^2 + y^2 = 2,610$

5. $46 + \frac{47}{y} + 11^2 = 168.2$

6. $8^2 + y^2 = 1,585$

7. $17 + \frac{y}{45} = 17.9$

8. $18 + \frac{23}{y} + 45^2 = 2,043.6$

9. $43^2 + y^2 = 3,370$

10. $23 \cdot y^2 + 25 \cdot y^2 = 73,008$