

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 $y = 4$.

1. $9^2 + y^2 =$

2. $15 \cdot y^2 + 3 \cdot y^2 =$

3. $7 \cdot y^2 + 10 \cdot y^2 =$

4. $4 + \frac{y}{13} =$

5. $4 + \frac{y}{11} =$

6. $11 + \frac{y}{17} =$

7. $\frac{14+y}{y+15} =$

8. $(y2)^2 =$

9. $(y9)^2 =$

10. $15 + \frac{y}{15} =$

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Evaluate each expression when $y = 4$.

1. $9^2 + y^2 = 97$

2. $15 \cdot y^2 + 3 \cdot y^2 = 288$

3. $7 \cdot y^2 + 10 \cdot y^2 = 272$

4. $4 + \frac{y}{13} = 4.3$

5. $4 + \frac{y}{11} = 4.4$

6. $11 + \frac{y}{17} = 11.2$

7. $\frac{14+y}{y+15} = 0.9$

8. $(y2)^2 = 64$

9. $(y9)^2 = 1,296$

10. $15 + \frac{y}{15} = 15.3$