

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 $y = 11$.

1. $14 + \frac{y}{50} =$

2. $31 + \frac{50}{y} + 29^2 =$

3. $36^2 + y^2 =$

4. $24 + \frac{y}{19} =$

5. $\frac{46 + y}{y + 39} =$

6. $\frac{27 + y}{y + 35} =$

7. $49 \cdot y^2 + 10 \cdot y^2 =$

8. $(y15)^2 =$

9. $4 + \frac{y}{50} =$

10. $25 + \frac{8}{y} + 5^2 =$

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Evaluate each expression when $y = 11$.

1. $14 + \frac{y}{50} = 14.2$

2. $31 + \frac{50}{y} + 29^2 = 876.5$

3. $36^2 + y^2 = 1,417$

4. $24 + \frac{y}{19} = 24.6$

5. $\frac{46+y}{y+39} = 1.1$

6. $\frac{27+y}{y+35} = 0.8$

7. $49 \cdot y^2 + 10 \cdot y^2 = 7,139$

8. $(y15)^2 = 27,225$

9. $4 + \frac{y}{50} = 4.2$

10. $25 + \frac{8}{y} + 5^2 = 50.7$