



Name: _____

Pre Algebra Expressions

Use the known variable to evaluate each expression. Show your work
(3 Operations with Exponents) NOTE: a dot means to multiply.

Evaluate each expression when $y = 2$.

1. $6 \bullet y^2 + 3 \bullet y^2 =$

2. $9 \bullet y^2 + 10 \bullet y^2 =$

3. $2 \bullet y^2 + 7 \bullet y^2 =$

4. $10 \bullet y^2 + 2 \bullet y^2 =$

5. $4 \bullet y^2 + 5 \bullet y^2 =$

6. $3 \bullet y^2 + 7 \bullet y^2 =$

7. $8 \bullet y^2 + 7 \bullet y^2 =$

8. $4 \bullet y^2 + 6 \bullet y^2 =$

9. $6 \bullet y^2 + 4 \bullet y^2 =$

10. $2 \bullet y^2 + 3 \bullet y^2 =$



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Use the known variable to evaluate each expression. Show your work
(3 Operations with Exponents) NOTE: a dot means to multiply.

Evaluate each expression when $y = 2$.

1. $6 \bullet y^2 + 3 \bullet y^2 = 36$

2. $9 \bullet y^2 + 10 \bullet y^2 = 76$

3. $2 \bullet y^2 + 7 \bullet y^2 = 36$

4. $10 \bullet y^2 + 2 \bullet y^2 = 48$

5. $4 \bullet y^2 + 5 \bullet y^2 = 36$

6. $3 \bullet y^2 + 7 \bullet y^2 = 40$

7. $8 \bullet y^2 + 7 \bullet y^2 = 60$

8. $4 \bullet y^2 + 6 \bullet y^2 = 40$

9. $6 \bullet y^2 + 4 \bullet y^2 = 40$

10. $2 \bullet y^2 + 3 \bullet y^2 = 20$