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 = 3.

1. $2 \bullet y^2 + 7 \bullet y^2 =$

2. $4 \bullet y^2 + 3 \bullet y^2 =$

3. $9 \bullet y^2 + 2 \bullet y^2 =$

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

5. $8 \bullet y^2 + 8 \bullet y^2 =$

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

7. $9 \bullet y^2 + 6 \bullet y^2 =$

8. $7 \bullet y^2 + 6 \bullet y^2 =$

9. $3 \bullet y^2 + 6 \bullet y^2 =$

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

Score: /10

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 = 3.

1. $2 \bullet y^2 + 7 \bullet y^2 =$ 81

2. $4 \bullet y^2 + 3 \bullet y^2 =$ 63

3. $9 \bullet y^2 + 2 \bullet y^2 =$ 99

4. $4 \bullet y^2 + 5 \bullet y^2 =$ 81

5. $8 \bullet y^2 + 8 \bullet y^2 =$ 144

6. $2 \bullet y^2 + 8 \bullet y^2 =$ 90

7. $9 \bullet y^2 + 6 \bullet y^2 =$ 135

8. $7 \bullet y^2 + 6 \bullet y^2 =$ 117

9. $3 \bullet y^2 + 6 \bullet y^2 =$ 81

10. $2 \bullet y^2 + 10 \bullet y^2 =$ 108

Score: /10