Name:

Pre Algebra Expressions

Use the known variable to evaluate each expression. Show your work (Basic with Brackets, Addition, Subtraction and Multiplication) NOTE: a dot means to multiply.

Evaluate each expression when y = 3.

1. $(9 \bullet y + 8) + (5 \bullet y - 8) =$

2. $4 \bullet (3 \bullet y - 5) + 4 \bullet (2 + y) =$

3. $(7 \bullet y + 4) + (4 \bullet y - 9) =$

4. $8 \bullet (10 \bullet y - 2) + 7 \bullet (6 + y) =$

5. $8 \bullet (2 \bullet y - 3) + 5 \bullet (10 + y) =$

6. $6 \bullet (10 \bullet y - 9) + 3 \bullet (2 + y) =$

7. $10 \bullet (8 \bullet y - 4) + 3 \bullet (8 + y) =$

8. $(4 \bullet y + 6) + (8 \bullet y - 7) =$

9. $(3 \bullet y + 4) + (8 \bullet y - 4) =$

10. $(6 \bullet y + 6) + (8 \bullet y - 3) =$

Score: /10

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Pre Algebra Expressions

Use the known variable to evaluate each expression. Show your work (Basic with Brackets, Addition, Subtraction and Multiplication) NOTE: a dot means to multiply.

Evaluate each expression when y = 3.

1. $(9 \bullet y + 8) + (5 \bullet y - 8) =$ 42

2. $4 \bullet (3 \bullet y - 5) + 4 \bullet (2 + y) =$ 36

3. $(7 \bullet y + 4) + (4 \bullet y - 9) =$ 28

4. $8 \bullet (10 \bullet y - 2) + 7 \bullet (6 + y) =$ 287

5. $8 \bullet (2 \bullet y - 3) + 5 \bullet (10 + y) =$ 89

6. $6 \bullet (10 \bullet y - 9) + 3 \bullet (2 + y) =$ 141

7. $10 \bullet (8 \bullet y - 4) + 3 \bullet (8 + y) =$ 233

8. $(4 \bullet y + 6) + (8 \bullet y - 7) =$ 35

9. $(3 \bullet y + 4) + (8 \bullet y - 4) =$ 33

10. $(6 \bullet y + 6) + (8 \bullet y - 3) =$ 45

Score: /10