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 = 7.

1. $(3 \bullet y + 3) + (5 \bullet y - 6) =$

2. $(4 \bullet y + 5) + (5 \bullet y - 7) =$

3. $4 \bullet (7 \bullet y - 6) + 3 \bullet (8 + y) =$

4. $(2 \bullet y + 8) + (8 \bullet y - 3) =$

5. $2 \bullet (4 \bullet y - 2) + 8 \bullet (8 + y) =$

6. $(8 \bullet y + 5) + (4 \bullet y - 3) =$

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

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

9. $5 \bullet (7 \bullet y - 8) + 5 \bullet (3 + y) =$

10. $(5 \bullet y + 2) + (6 \bullet y - 2) =$

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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 = 7.

1. $(3 \bullet y + 3) + (5 \bullet y - 6) =$ 53

2. $(4 \bullet y + 5) + (5 \bullet y - 7) =$ 61

3. $4 \bullet (7 \bullet y - 6) + 3 \bullet (8 + y) =$ 217

4. $(2 \bullet y + 8) + (8 \bullet y - 3) =$ 75

5. $2 \bullet (4 \bullet y - 2) + 8 \bullet (8 + y) =$ 172

6. $(8 \bullet y + 5) + (4 \bullet y - 3) =$ 86

7. $7 \bullet (2 \bullet y - 7) + 8 \bullet (6 + y) =$ 153

8. $8 \bullet (3 \bullet y - 3) + 2 \bullet (2 + y) =$ 162

9. $5 \bullet (7 \bullet y - 8) + 5 \bullet (3 + y) =$ 255

10. $(5 \bullet y + 2) + (6 \bullet y - 2) =$ 77

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