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

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

3. $5 \bullet (4 \bullet y - 7) + 8 \bullet (6 + y) =$

4. $5 \bullet (5 \bullet y - 7) + 2 \bullet (3 + y) =$

5. $(2 \bullet y + 7) + (7 \bullet y - 8) =$

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

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

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

9. $(6 \bullet y + 5) + (7 \bullet y - 6) =$

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

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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. $2 \bullet (4 \bullet y - 8) + 2 \bullet (6 + y) =$ 26

2. $(2 \bullet y + 4) + (2 \bullet y - 2) =$ 14

3. $5 \bullet (4 \bullet y - 7) + 8 \bullet (6 + y) =$ 97

4. $5 \bullet (5 \bullet y - 7) + 2 \bullet (3 + y) =$ 52

5. $(2 \bullet y + 7) + (7 \bullet y - 8) =$ 26

6. $7 \bullet (6 \bullet y - 6) + 7 \bullet (7 + y) =$ 154

7. $(5 \bullet y + 5) + (2 \bullet y - 7) =$ 19

8. $6 \bullet (4 \bullet y - 7) + 3 \bullet (6 + y) =$ 57

9. $(6 \bullet y + 5) + (7 \bullet y - 6) =$ 38

10. $(2 \bullet y + 7) + (7 \bullet y - 7) =$ 27

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