



Name: _____

Pre Algebra Expressions

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

Evaluate each expression when $y = 9$.

1. $12 \cdot y + 9 =$

2. $8 + 3 \cdot y =$

3. $5 \cdot y + 8 =$

4. $3 \cdot y - 10 =$

5. $3 + 11 \cdot y =$

6. $7 + y \cdot 4 =$

7. $8 \cdot y - 2 =$

8. $10 \cdot y - 5 =$

9. $2 + y \cdot 10 =$

10. $4 + y \cdot 5 =$



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Pre Algebra Expressions

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

Evaluate each expression when $y = 9$.

1. $12 \cdot y + 9 = 117$

2. $8 + 3 \cdot y = 35$

3. $5 \cdot y + 8 = 53$

4. $3 \cdot y - 10 = 17$

5. $3 + 11 \cdot y = 102$

6. $7 + y \cdot 4 = 43$

7. $8 \cdot y - 2 = 70$

8. $10 \cdot y - 5 = 85$

9. $2 + y \cdot 10 = 92$

10. $4 + y \cdot 5 = 49$