Algebra 1 - Unit 1 - Evaluating an Expression (Hard)

1. $\text{Evaluate } 6x + 3y \text{ when } x = 5, y = 7$

6. $\text{Evaluate } 3x^2 + 7x + 4 \text{ when } x = 5$

2. $\text{Evaluate } 2x + 4y \text{ when } x = 4, y = 3$

7. $\text{Evaluate } \frac{3x + 6}{4} \text{ when } x = 2$

3. $\text{Evaluate } \frac{3x + 6}{2} \text{ when } x = 2$

8. $\text{Evaluate } 3x^2 + 7x + 5 \text{ when } x = 3$

4. $\text{Evaluate } \frac{2x + 6}{3} \text{ when } x = 6$

9. $\text{Evaluate } 5x + 5y \text{ when } x = 3, y = 8$

5. $\text{Evaluate } 1x^2 + 8x + 6 \text{ when } x = 4$

10. $\text{Evaluate } \frac{5x + 3}{3} \text{ when } x =$

Algebra 1 - Unit 1 - Evaluating an Expression (Hard) - Answer Key

1. text{Evaluate } $6x + 3y$ text{ when } x = 5, y = 7

   x = 51

6. text{Evaluate } $3x^2 + 7x + 4$ text{ when } x = 5

   x = 114

2. text{Evaluate } $2x + 4y$ text{ when } x = 4, y = 3

   x = 20

7. text{Evaluate } $\frac{3x + 6}{4}$ text{ when } x = 2

   x = 3

3. text{Evaluate } $\frac{3x + 6}{2}$ text{ when } x = 2

   x = 6

8. text{Evaluate } $3x^2 + 7x + 5$ text{ when } x = 3

   x = 53

4. text{Evaluate } $\frac{2x + 6}{3}$ text{ when } x = 6

   x = 6

9. text{Evaluate } $5x + 5y$ text{ when } x = 3, y = 8

   x = 55

5. text{Evaluate } $1x^2 + 8x + 6$ text{ when } x = 6

   x = 54

10. text{Evaluate } $\frac{5x + 3}{3}$ text{ when } x =

   x = 6