# Evaluating Two Variables

testinar.com/t/?c=6

**Simplify each algebraic expression.**

1) $x = 11, y = 4,\ -4(3x - 4y - 11) =$

2) $x = 3, y = 2,\ 3x + 6y - 3 =$

3) $x = 5, y = 7,\ 4x + 20y - 5 =$

4) $x = 14, y = 3,\ 4x(2y - 14) =$

5) $x = 8, y = 3,\ 4x(3y - 8) =$

6) $x = 8, y = 4,\ 2x(2y - 8) =$

7) $x = 19, y = 4,\ 2x + \frac{12}{y} - 19 =$

8) $x = 10, y = 4,\ 4x(3y - 10) =$

9) $x = 12, y = 5,\ -5(2x - 3y - 12) =$

10) $x = 15, y = 4,\ 4(4x - 3y + 15) =$

11) $x = 10, y = 3,\ 2x + 20y - 10 =$

12) $x = 7, y = 5,\ 2x(3y - 7) =$

13) $x = 14, y = 5,\ 4x + 42y - 14 =$

# Answers of Evaluating Two Variables

**Simplify each algebraic expression.**

1) $x = 11, y = 4, \ -4(3x - 4y - 11) = -24$

2) $x = 3, y = 2, \ 3x + 6y - 3 = 18$

3) $x = 5, y = 7, \ 4x + 20y - 5 = 155$

4) $x = 14, y = 3, \ 4x(2y - 14) = -448$

5) $x = 8, y = 3, \ 4x(3y - 8) = 32$

6) $x = 8, y = 4, \ 2x(2y - 8) = 0$

7) $x = 19, y = 4, \ 2x + \frac{12}{y} - 19 = 22$

8) $x = 10, y = 4, \ 4x(3y - 10) = 80$

9) $x = 12, y = 5, \ -5(2x - 3y - 12) = 15$

10) $x = 15, y = 4, \ 4(4x - 3y + 15) = 252$

11) $x = 10, y = 3, \ 2x + 20y - 10 = 70$

12) $x = 7, y = 5, \ 2x(3y - 7) = 112$

13) $x = 14, y = 5, \ 4x + 42y - 14 = 252$