

Visual Basic  
Math Methods Worksheet #4

Name -

Period -

Simplify the exercises below based on the following variables.

x1 = 100      a = 3              side1 = 3              price = 9.50  
x2 = 170      b = 10              side2 = 4              taxRate = 0.06  
y1 = 120      c = 2  
y2 = 200      distance = 123.4567

- \_\_\_\_\_ 1. `Math.Abs(Math.Pow(b, 2) - 4 * a * c)`
- \_\_\_\_\_ 2. `Math.Sqrt(Math.Pow(side1, 2) + Math.Pow(side2, 2))`
- \_\_\_\_\_ 3. `Math.Round(price) + Math.Round(price) * taxRate`
- \_\_\_\_\_ 4. `Math.Max(Math.Min(2, -1), Math.Min(4, 3))`
- \_\_\_\_\_ 5. `Math.Floor(-2.6)`
- \_\_\_\_\_ 6. `Math.Pow(10, c)`
- \_\_\_\_\_ 7. `Math.Max(0, -5) - Math.Min(0, -5)`
- \_\_\_\_\_ 8. `Math.Floor(distance + 0.5)`
- \_\_\_\_\_ 9. `Math.Floor(distance * 10 + 0.5)/10`
- \_\_\_\_\_ 10. `Math.Floor(distance * 100 + 0.5)/100`

Make 5 more of your own interesting exercises like the ones above **and provide the answers.**

- \_\_\_\_\_ 11.
- \_\_\_\_\_ 12.
- \_\_\_\_\_ 13.
- \_\_\_\_\_ 14.
- \_\_\_\_\_ 15.