

Visual Basic
Math Methods Worksheet #2

Name –

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, Math.Log10(100))`
- _____ 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.