

Visual Basic
Math Methods Worksheet #5

Name -

Period -

Simplify the exercises below based on the following variables.

x = 10	a = 2	side1 = 3	price = 5.00
y = 20	b = 3	side2 = 4	taxRate = 0.06
y1 = 4	c = 5	side3 = 5	
y2 = 5	distance = 15.5		

- _____ 1. `Math.Pow(y1, 2)`
- _____ 2. `Math.Round(distance)`
- _____ 3. `Math.Round(price) + Math.Round(price) * taxRate`
- _____ 4. `Math.Max(Math.Max(a, b), c)`
- _____ 5. `Math.Floor(distance - x)`
- _____ 6. `Math.Sqrt(Math.Pow(side1, 2) + Math.Pow(side2, 2))`
- _____ 7. `Math.Min(side1, side2) - Math.Min(y1, y2)`
- _____ 8. `Math.Floor(distance + 0.5)`
- _____ 9. `Math.Floor(15.523 * 10 + 0.5)/10`
- _____ 10. `Math.Floor(15.523 * 100 + 0.5)/100`
- _____ 11. `Math.Floor(taxRate)`
- _____ 12. `Math.Pow(y1 + 1, 2)`
- _____ 13. `Math.Sqrt(Math.Pow(1, 6))`
- _____ 14. `Math.Sqrt(Math.Pow(1, 6000))`
- _____ 15. `Math.Sqrt(Math.Pow(y2, 2) - Math.Pow(y1, 2))`
- _____ 16. `Math.Floor(101 / 2)`
- _____ 17. `-10 + Math.Sqrt(76 - 4 * a * c) / (2 * a)`
- _____ 18. `-10 - Math.Sqrt(76 - 4 * a * c) / (2 * a)`
- _____ 19. `Math.Sin(3.14)` see lecture notes if necessary
- _____ 20. `Math.Cos(3.14)` see lecture notes if necessary