

Visual Basic
Math Methods Worksheet #3

Name -

Period -

Simplify the exercises below based on the following variables.

x1 = 100	a = 8	side1 = 3	price = 9.50
x2 = 170	b = 10	side2 = 4	taxRate = 0.06
y1 = 120	c = 2	num = -4	
y2 = 200	distance = 12.5		

- _____ 1. Math.Abs (num)
- _____ 2. Math.Sqrt (x1)
- _____ 3. Math.Round (price)
- _____ 4. Math.Max (x1, x2)
- _____ 5. Math.Floor (distance)
- _____ 6. Math.Pow (a, 3)
- _____ 7. Math.Max (0, a) - Math.Min (num, c)
- _____ 8. Math.Floor (distance + 0.5)
- _____ 9. Math.Sqrt (Math.Pow (b, 2) - 4 * a * c)
- _____ 10. Math.Round (10.00 * (1 + taxRate))
- _____ 11. Math.Round (12.1634, 1)
- _____ 12. Math.Round (12.1634, 2)
- _____ 13. Math.Round (price + price * taxRate)
- _____ 14. Math.Max (Math.Max (a, b), Math.Max (c, a + b))
- _____ 15. Math.Max (Math.Min (a, b), Math.Min (c, a + b))
- _____ 17. Math.Floor (12.416 + 0.5)
- _____ 18. Math.Floor (12.416 * 10 + 0.5) / 10
- _____ 19. Math.Floor (12.416 * 100 + 0.5) / 100
- _____ 20. Math.Floor (12.4168 * 1000 + 0.5) / 1000