**Useful C# Math methods:**

**a = 9  
b = -10  
c = 10  
d = 4.49  
e = 4.51  
f = -12.4**

Math.Abs(*value*) – Converts any number to absolute number:  
**Math.Abs(b)   
40**

Math.Pow(*value, raise to power*) – Raises *value* to power of *raise to power*:  
**Math.Pow(c, 3)   
1000**

Math.Sqrt(*value*) – Returns square root of value:  
**Math.Sqrt(a)   
3**

Math.Max(*value1, value2*) – Returns largest of value1, value2  
**Math.Max(a, c)   
10**

Math.Min (*value1, value2*) – Returns smallest of value1, value2  
**Math.Min(a, c)   
9**

Math.Round (*value*) – Rounds value up or down depending on normal rounding rules  
**Math.Round(d)  
4  
Math.Round(e)  
5  
Math.Round(f)  
-12**

Math.Floor (*value*) – Rounds any decimal value **down** to nearest integer  
**Math.Floor(d)  
4  
Math.Floor(e)  
4  
Math.Floor(f)  
-13**

Math.Ceiling (*value*) – Rounds any decimal value **up** to nearest integer  
**Math. Ceiling (d)  
5  
Math. Ceiling (e)  
5  
Math. Ceiling (f)  
-13**