

# Get Decimal Places

```
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```

```
#endregion

using System;
using System.Collections.Generic;
using System.Text;

namespace Newtonsoft.Json.Utilities
{
internal class MathUtils
{

public static int GetDecimalPlaces(double value)
{
// increasing max decimal places above 10 produces weirdness
int maxDecimalPlaces = 10;
double threshold = Math.Pow(0.1d, maxDecimalPlaces);

if (value == 0.0)
return 0;
int decimalPlaces = 0;
while (value - Math.Floor(value) > threshold && decimalPlaces
< maxDecimalPlaces) { value *= 10.0; decimalPlaces++; } return
decimalPlaces; } } [/csharp]
```