Perimeter

Perimeter is the distance around a two-dimensional shape.

Example 1: the perimeter of this rectangle is **7+3+7+3**= **20**



Example 2: the perimeter of this regular [pentagon](http://www.mathsisfun.com/geometry/pentagon.html) is **3+3+3+3+3**= **5×3 = 15**



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| The perimeter of a [circle](http://www.mathsisfun.com/geometry/circle.html) is called the circumference:Circumference = 2π × radius |   | circle |

Perimeter Formulas

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| Triangle |   | [Triangle](http://www.mathsisfun.com/triangle.html)Perimeter = a + b + c |
| Square |   | [Square](http://www.mathsisfun.com/quadrilaterals.html)Perimter = 4 × aa = length of side |
| Rectangle |   | [Rectangle](http://www.mathsisfun.com/quadrilaterals.html)Perimeter = 2 × (w + h)w = widthh = height |
| Parallelogram |   | [Quadrilateral](http://www.mathsisfun.com/quadrilaterals.html)Perimeter = a + b + c + d |
| circle |   | [Circle](http://www.mathsisfun.com/geometry/circle.html)Circumference = 2πrr = radius |
| Sector |   | [Sector](http://www.mathsisfun.com/geometry/circle-sector-segment.html)Perimeter = r(θ+2) r = radiusθ = angle in **radians** |
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