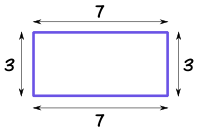
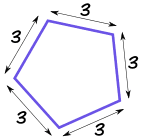
Perimeter

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**



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

Perimeter Formulas

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