

PureRatioCrossTopics: key vocabulary

area	the amount of space inside a flat shape
base	the side of a shape chosen as the bottom for working out its area.
circumference	the distance all the way round a circle
corresponding	matching sides or points in similar shapes.
dimensions	the measurements of a shape, such as length, width and height.
enlarge	to make a shape bigger by multiplying every length by the same number.
equilateral triangle	a triangle with all three sides the same length.
height	the distance straight up from the base of a shape to its top, used to find area.
integer	a whole number, which may be positive, negative or zero
isosceles triangle ...	a three-sided shape with two sides equal in length
percentage	a number of parts out of a hundred
perimeter	the total distance around the edge of a shape
perpendicular	meeting at a right angle
proportion	a relationship where two amounts change by the same factor
Pythagoras' Theorem	in a right-angled triangle, the longest side times itself equals the other two sides times themselves, added together.
radius	the distance from the centre of a circle to its edge
ratio	a way of comparing two or more amounts, showing how much of one there is for each of the other
right-angled triangle	a three-sided shape with one corner of 90 degrees.
scale factor	the number every length is multiplied by when a shape is enlarged
similar	the same shape but a different size
simplest form	a fraction written with the smallest possible numbers above and below the line.
simplify	to write something in its smallest or plainest form without changing its value
square	to work out a number times itself; also a flat shape with four equal sides and four equal corners

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