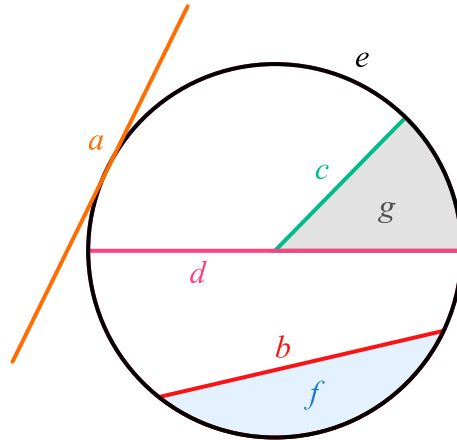


Circle terminology

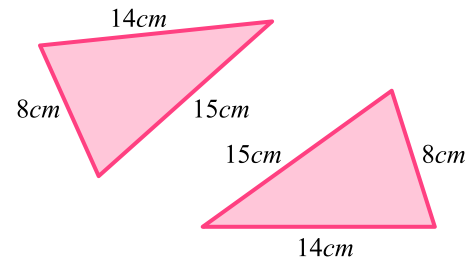
Name the parts of the circle labelled:

- a)
b)
c)
d)
e)
f)
g)



Similarity and congruence

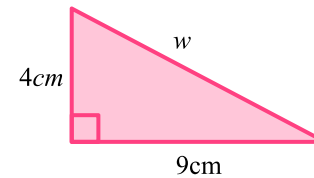
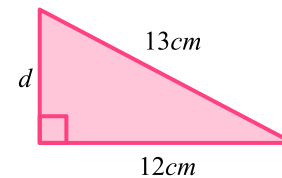
Are these triangles congruent, similar, or neither?



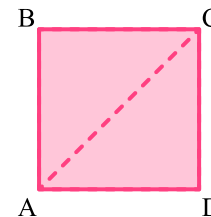
Exact trigonometric values

State the exact value of $\sin 30^\circ$.State the exact value of $\cos 45^\circ$.State the exact value of $\tan 60^\circ$.

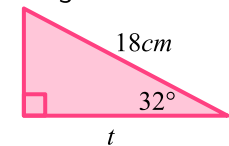
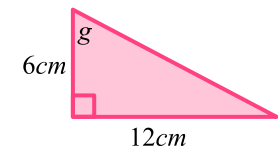
Pythagoras' Theorem

Calculate length w .Calculate length d .ABCD is a square. $AC = 8\text{cm}$

Find the area of this square.

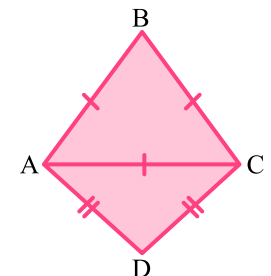


Trigonometry

Calculate length t .Calculate the size of angle g .ABCD is a kite. $AC = 10\text{cm}$.

Angles BAD and BCD are right angles.

Find the perimeter of the kite.

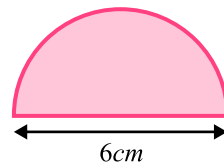


Measures in circles

What is the circumference of a circle of radius 4cm ?What is the area of a circle of diameter 9cm ?What is the diameter of a circle whose area is 163cm^2 ?

Measures in portions of circles

Work out the perimeter of this semicircle.

Work out the shaded area, which has been formed by removing a sector from a circle of radius 7cm .