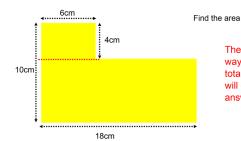
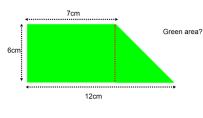
lots of SHAPE 5 ANSWERS



There are other ways to find the total area but you will get the same answer.

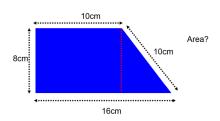
Small rectangle = 6x4 = 24cm² Big rectangle = 18x6 = 108cm² Total area = 132cm²





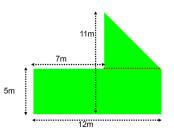
There are other ways to find the total area but you will get the same answer.

Rectangle = $7x6 = 42cm^2$ Triangle = $5x6 \div 2 = 15cm^2$ Total area = $57 cm^2$



There are other ways to find the total area but you will get the same answer.

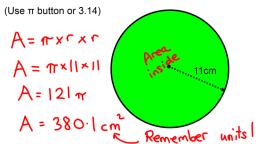
Rectangle = $8x10 = 80cm^2$ Triangle = $6x8 \div 2 = 24cm^2$ Total area = $104 cm^2$



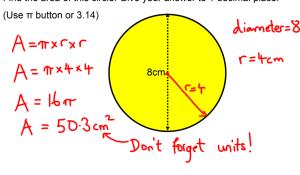
There are other ways to find the total area but you will get the same answer.

Big Rectangle = $12x5 = 60m^2$ Triangle = $5x6 \div 2 = 15m^2$ Total area = $75 m^2$

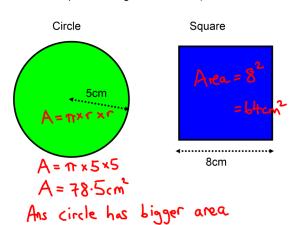
Find the area of this circle. Give your answer to 1 decimal place.



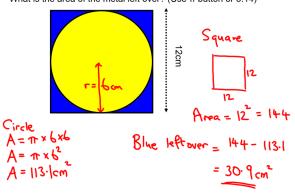
Find the area of this circle. Give your answer to 1 decimal place.



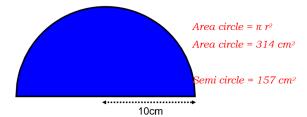
Which shape has the greatest area? (Use π button or 3.14)



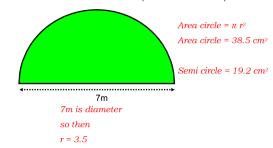
A circle is cut out off a piece of metal. It touches all the sides. What is the area of the metal left over? (Use π button or 3.14)



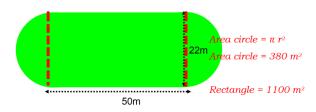
What is the area of this semi-circle? (Use π button or 3.14)



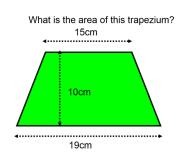
What is the area of this semi-circle? (Use π button or 3.14)

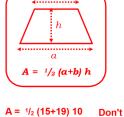


What is the area? (Use $\boldsymbol{\pi}$ button or 3.14)



Total Area= 1480m²

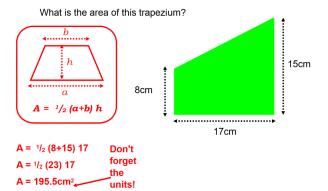


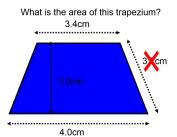


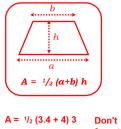
 $A = \frac{1}{2} (15+19) 10$ $A = \frac{1}{2} (34) 10$

A = 170cm²

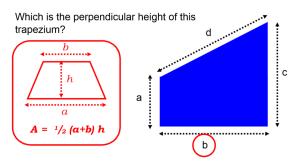
Don't forget the units!





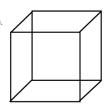


 $A = \frac{1}{2}(3.4 + 4) 3$ Don't A = $\frac{1}{2}(7.4) 3$ forget the units!



This has been turned on the side.

A solid gold cube has side length of 3.7cm. What is the volume of this gold cube?

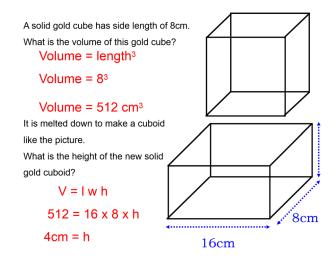


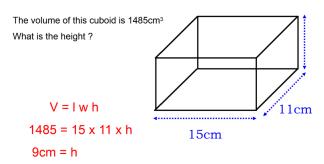
Volume = length³

Volume = 3.7^3

Volume = 50.653 cm^3

Don't forget the units

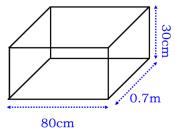




Find the volume of this cuboid. State the correct units.

Volume = $1 \times w \times h$ Volume = $0.8 \times 0.7 \times 0.3$

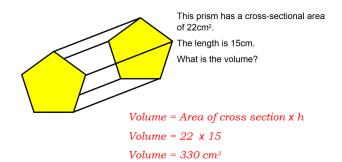
Volume = 0.168 m^3

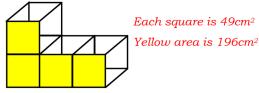


Volume = $I \times w \times h$

Volume = $80 \times 70 \times 30$

Volume = 168000 cm³





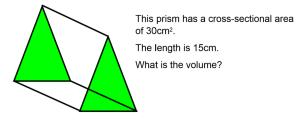
This prism is made up from cubes with a side length of 7cm.

Find the yellow cross-sectional area.

Then find the volume.

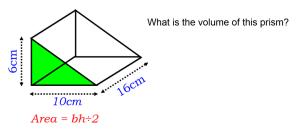
Volume = Area of cross section x h

Volume = 196 x 7cm Volume = 1372 cm³



Volume = Area of cross section x h

Volume = 30 x 15 *Volume* = 450 cm³



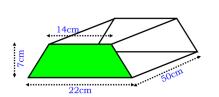
 $Area = 10(6) \div 2$

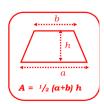
 $Area = 30 cm^2$

Volume = Area of cross section x h

Volume = *30* x 16

 $Volume = 480 \text{ cm}^3$





Find the cross-sectional area.

Then find the volume stating the correct units.

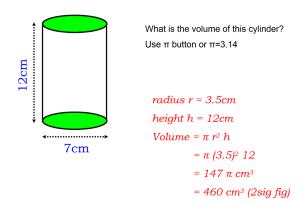
 $Area = \frac{1}{2}(14+22)7$

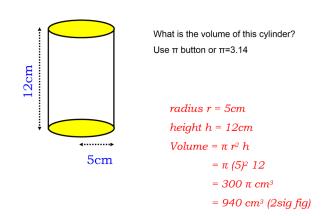
 $Area = 126 cm^2$

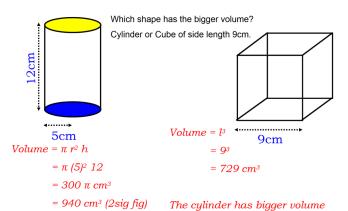
Volume = Area of cross section x h

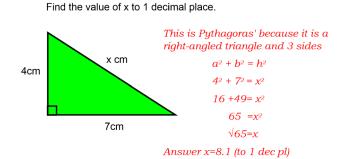
Volume = 126 x 50

 $Volume = 6300 \text{ cm}^3$

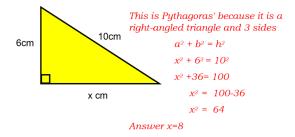




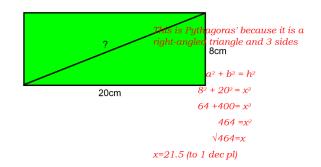




Find the value of x to 1 decimal place.



This rectangle measures 20cm by 8cm. What is the diagonal distance?



Ben sails from point A

He sails 30km North and then 40km East.

How far is he away from A as the crow flies?

