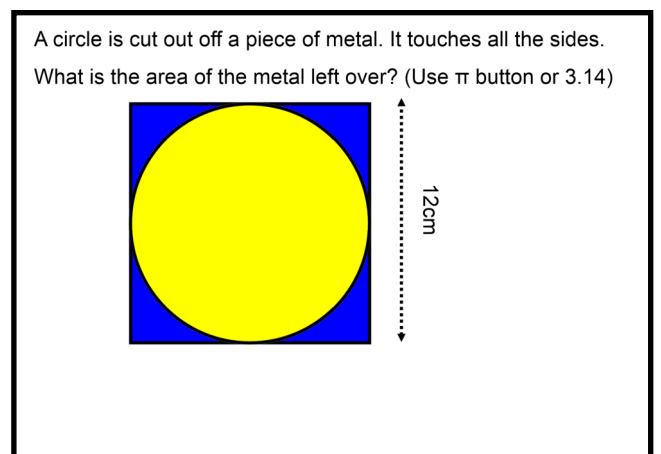
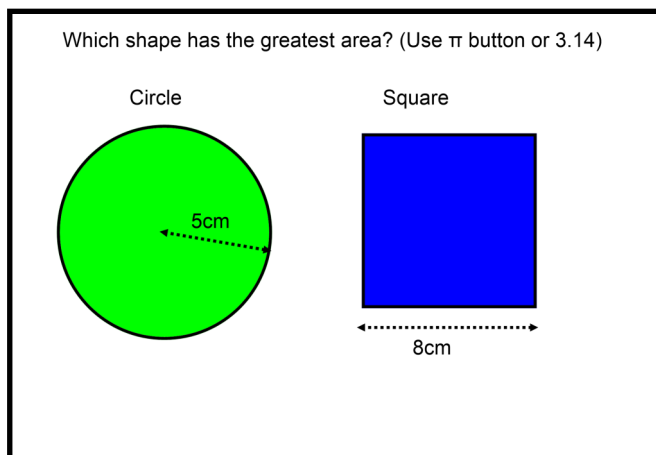
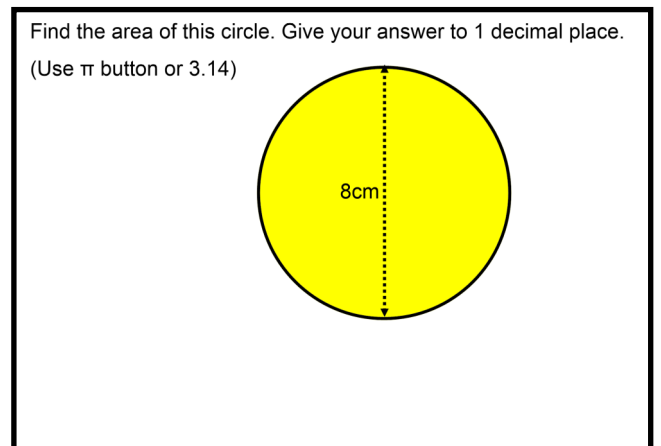
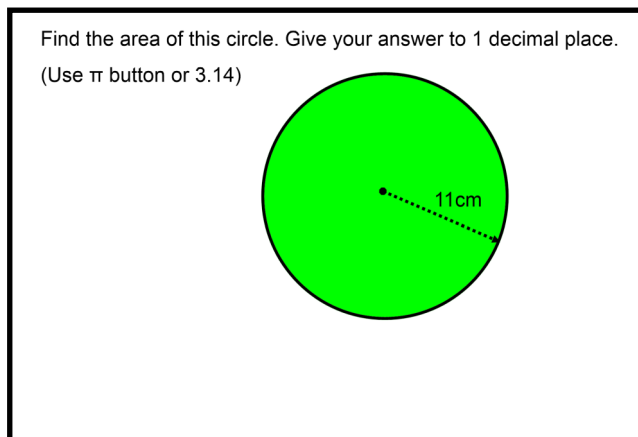
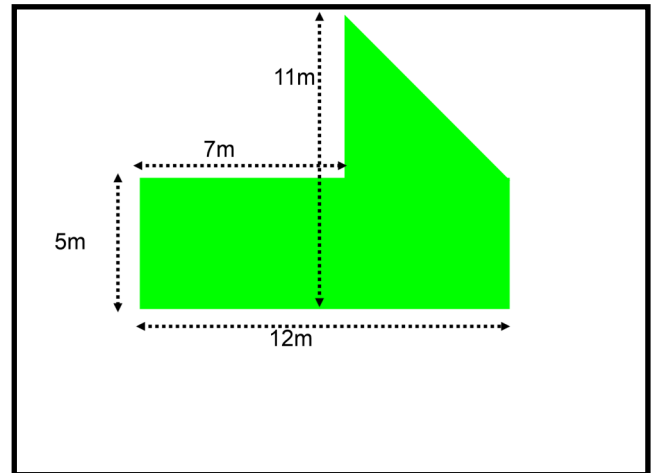
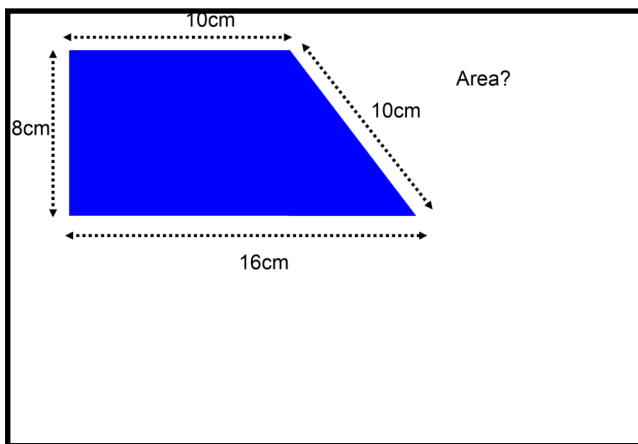
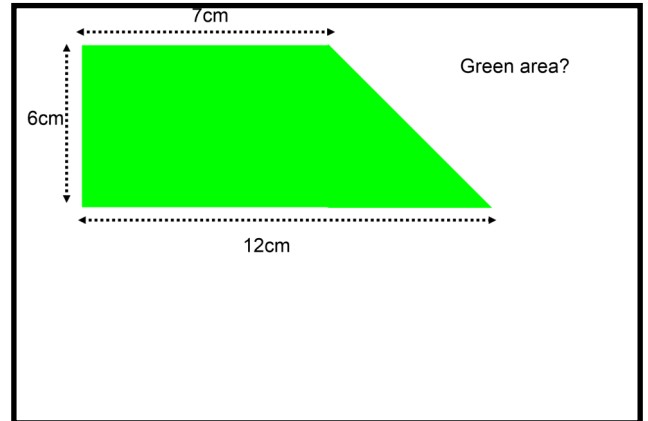
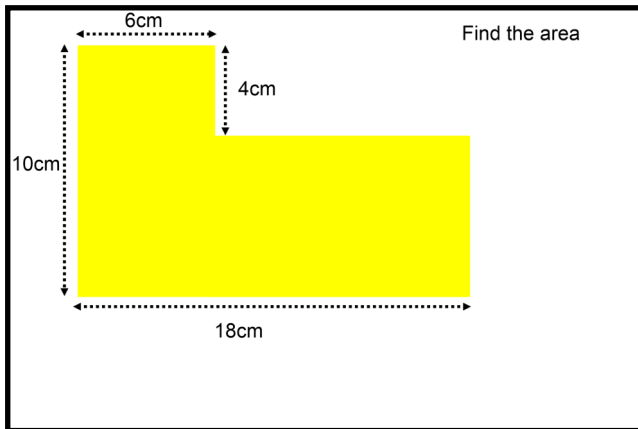
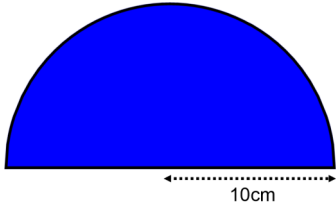


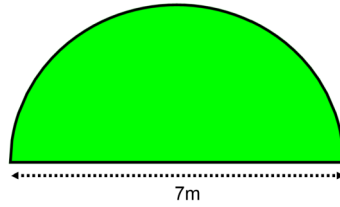
# lots of SHAPE 5



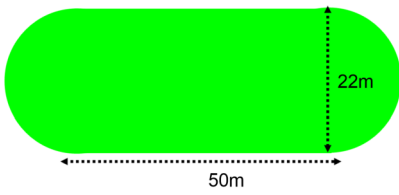
What is the area of this semi-circle? (Use  $\pi$  button or 3.14)



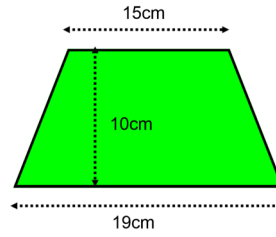
What is the area of this semi-circle? (Use  $\pi$  button or 3.14)



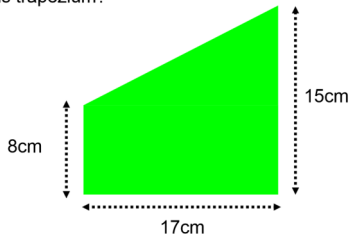
What is the area? (Use  $\pi$  button or 3.14)



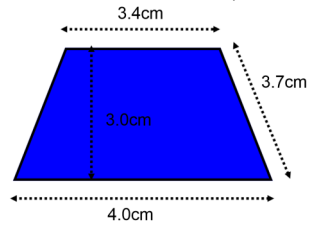
What is the area of this trapezium?



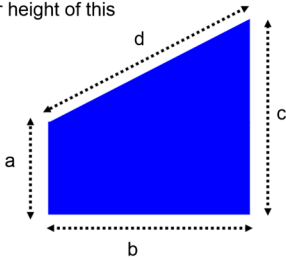
What is the area of this trapezium?



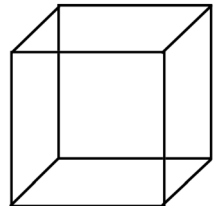
What is the area of this trapezium?



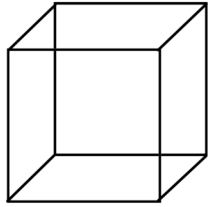
Which is the perpendicular height of this trapezium?



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

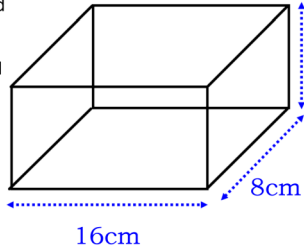


A solid gold cube has side length of 8cm.  
 What is the volume of this gold cube?

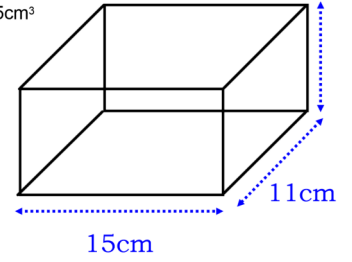


It is melted down to make a cuboid like the picture.

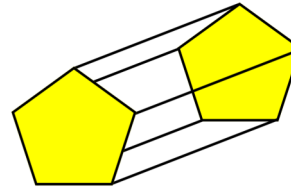
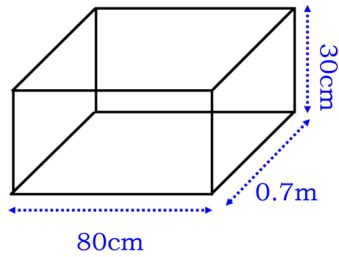
What is the height of the new solid gold cuboid?



The volume of this cuboid is  $1485\text{cm}^3$   
 What is the height ?

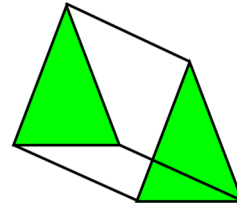
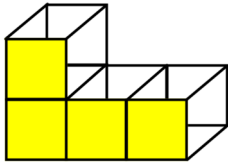


Find the volume of this cuboid.  
 State the correct units.

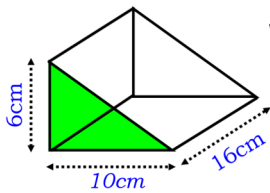


This prism has a cross-sectional area of  $22\text{cm}^2$ .  
 The length is 15cm.  
 What is the volume?

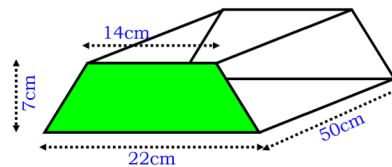
This prism is made up from cubes with a side length of 7cm.  
 Find the yellow cross-sectional area.  
 Then find the volume.



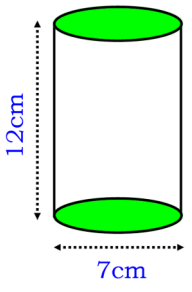
This prism has a cross-sectional area of  $30\text{cm}^2$ .  
 The length is 15cm.  
 What is the volume?



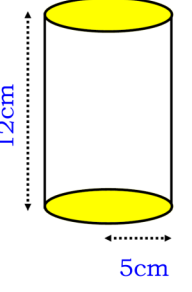
What is the volume of this prism?



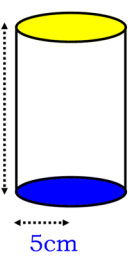
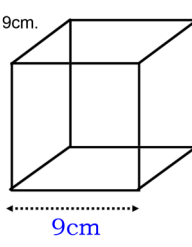
Find the cross-sectional area.  
 Then find the volume stating the correct units.



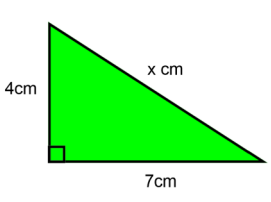
What is the volume of this cylinder?  
Use  $\pi$  button or  $\pi=3.14$



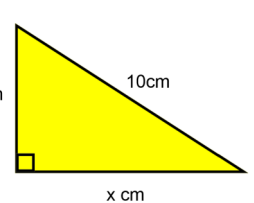
What is the volume of this cylinder?  
Use  $\pi$  button or  $\pi=3.14$

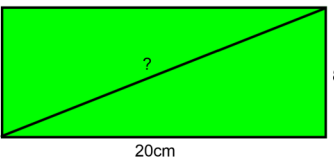
Which shape has the bigger volume?  
Cylinder or Cube of side length 9cm.



Find the value of  $x$  to 1 decimal place.



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?

