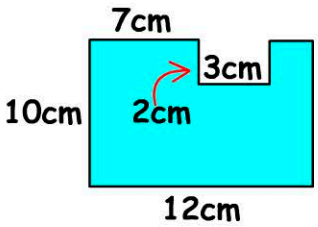
Area

Name: _____

1. area =



○ $114cm^2$ ○ $118cm^2$

○ $116cm^2$ ○ $120cm^2$

2. Diameter of a circle = 14cm

pi = 3.14

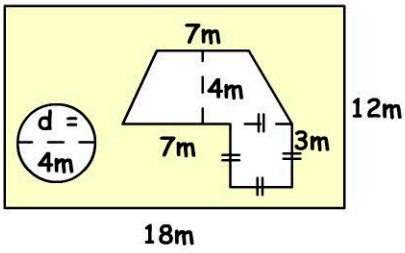
area = _____ cm^2

(2 dec. places)

3. How much to concrete this area at £55/m^2 ?

area to be concreted

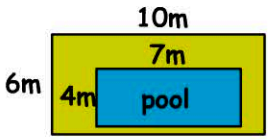
pi = 3.14



○ £8494.20 ○ £6556.20

○ £8824.20 ○ £8800.20

4. Brett wants to tile around the pool using 30cm x 30cm tiles. How many tiles does he need?



○ 667 ○ 328

○ 312 ○ 356

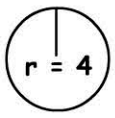
5. A property owner sold 12.6% of his 3.25 hectare farm. How much land does he still own?

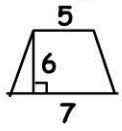
○ 2.74ha ○ 2.94ha

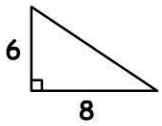
○ 2.84ha ○ 3.04ha

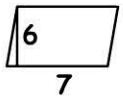
6. Which shape has the greatest area?

(circle, triangle, trapezium, parallelogram)

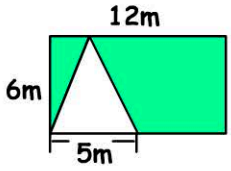
○ 

○ 

○ 

○ 

7. Find the shaded area.



○ $42m^2$ ○ $57m^2$

○ $47m^2$ ○ $72m^2$

8. Campus

What is the area of the carpark?

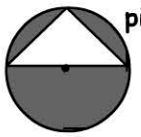
○ $504m^2$ ○ $568m^2$

○ $524m^2$ ○ $588m^2$

9. The surface area of a cube is $54m^2$. What is the length of each side?

_____ m

10. Find the shaded area.



_____ cm^2