



Rosary School \ Marj Elhamam

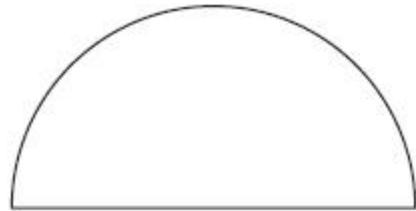
Name : _____

Date: / 11 / 2025

Subject: Remedial worksheet (Mid Term Exam)

Grade: 8 ()

Q1: This diagram shows a semicircular disc.



10 cm

a. Calculate the area of the disc. **Round your answer to 1 decimal place.**

_____ cm^2

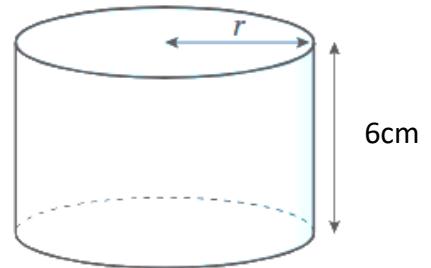
b. Calculate the perimeter of the disc. **Round your answer to 2 decimal places.**

_____ cm

Q2: a. The capacity of this cylindrical glass is 360 cm^3 .

Work out

- i. the area of the circular end in this cylinder.



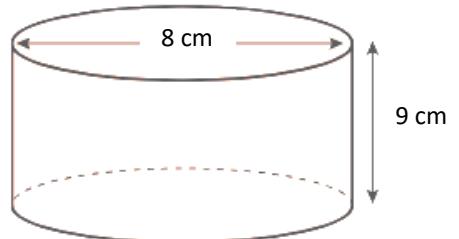
_____ cm^2

- ii. the radius of the circular end.

Round your answer to 1 decimal place.

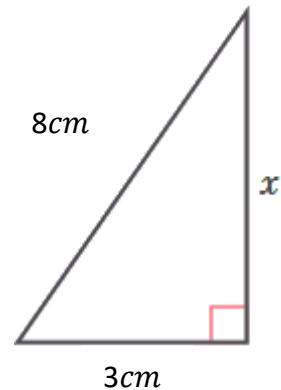
_____ cm

b. For this cylinder, work out the surface area. **Round your answer to 2 decimal places.**



_____ cm^2

Q3: a. Work out the **length** of the missing side (x).

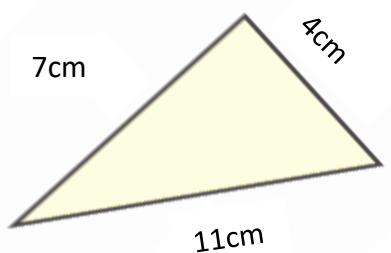


_____ cm

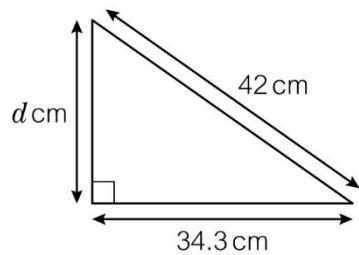
b. Work out the **area** of the triangle
Give your answer correct to 1 decimal place.

_____ cm^2

Q4: Is the following shape a right-angled triangle? **Explain your answer.**



Q5: The diagram shows a right-angled triangle.



Find the length of the side marked d .

Give your answer correct to 3 significant figures.

_____ cm

