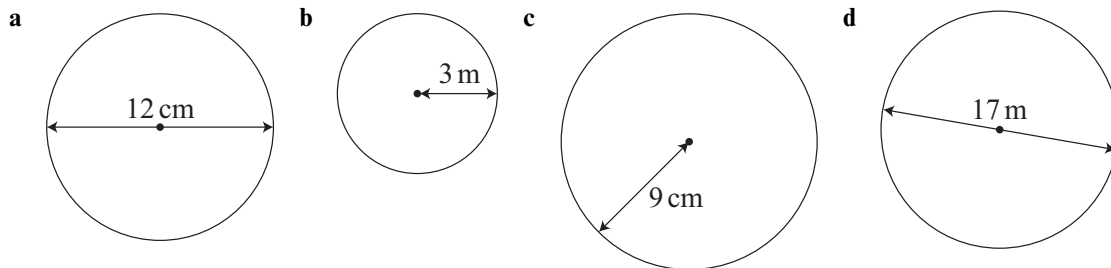
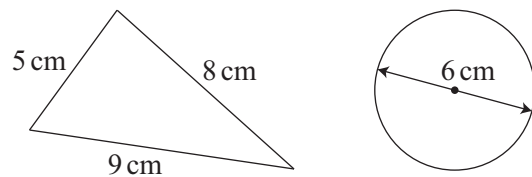


## TASK 3.3

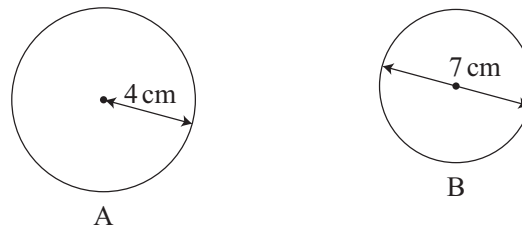
1. What is the radius of a circle if the diameter is 46 cm?
2. What is the diameter of a circle if the radius is 19 mm?
3. Use a calculator to find the circumference of each circle below (give answers to 1 d.p.)



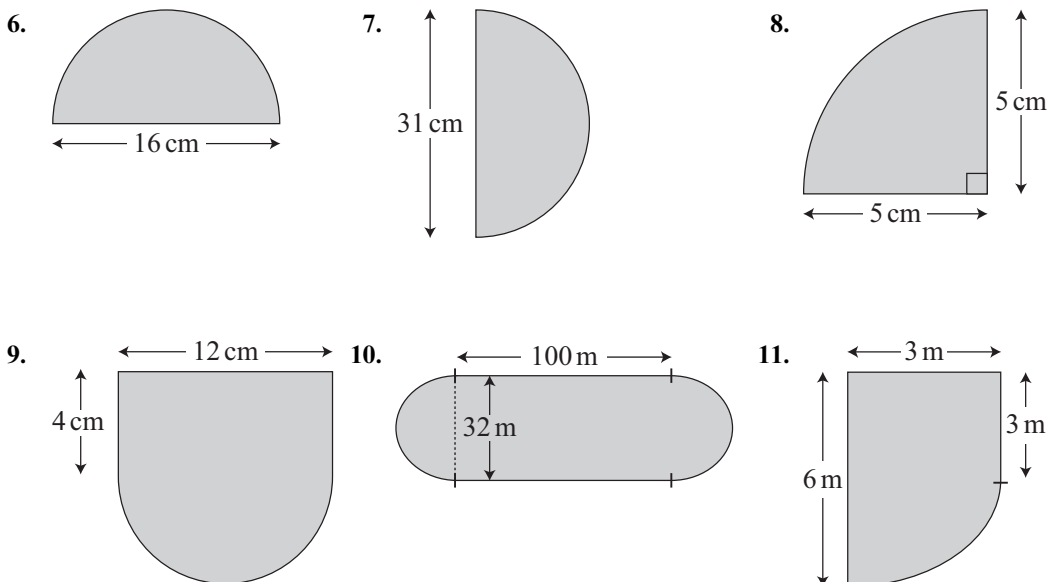
4. Which shape has the larger perimeter – the triangle or the circle?



5. Which circle has the larger perimeter?



Calculate the perimeter of each shape. All arcs are either semi-circles or quarter circles. Give answers correct to 1 d.p.



12. A circular log of diameter 30 cm is rolled down a hill. It rolls 48 metres. How many *complete* revolutions did the log make before it stopped?
13. Sanaa has a bike with wheels of radius 31.5 cm. She cycles 3 km. How many times do the wheels of her bike go round completely?