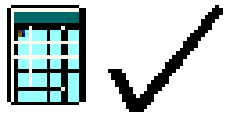


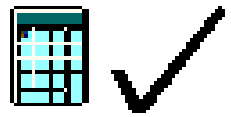
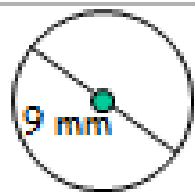
National 4 Maths Homework 6

1) A supermarket has a canopy over its entrance.
The edge of the canopy has 6 semi circles as shown.
Each semi circle has a diameter of 4 metres.

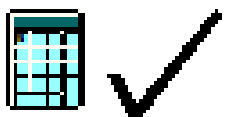


- a) Find the length of the curved edge of one of the semi circles.
- b) You are asked to attach fairy lights to the edge of the canopy.
You have 40 m of fairy lights.
Is it enough for the whole canopy?

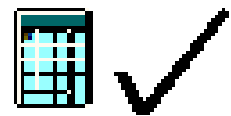
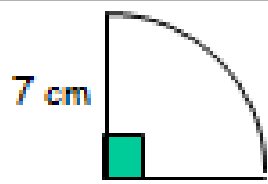
2) Find the area of this circle.



3) Find the area of this shape.



4) Find the area of this shape.



5) Shown below is part of a train timetable from Edinburgh to London.
Both trains take the same time to complete the journey.
At what time will Train 2 arrive in London?



	Departs	Arrives
Train 1	0710	1146
Train 2	1423	?

6) Calculate the following.

- a) 7.7×500 b) $375 \div 60$ c) 9.82×70
- d) $252 \div 40$ e) 6.75×300 f) $59840 \div 8000$

