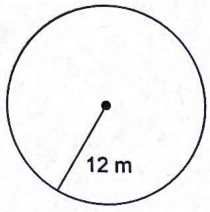
Geometry - 11.1, 11.2 Extra Practice Name_____

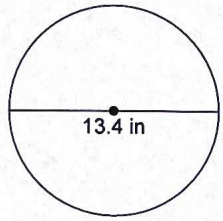
Circumference, Arc Length, Area of a Circle, Area of a Sector Review

Find the circumference of each circle. State the exact answer then use your calculator's value of π to find the approximate answer. Round your answer to the nearest tenth.

1)

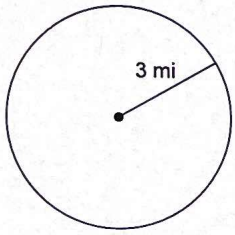


2)

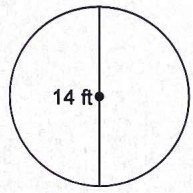


Find the area of each. State the exact answer then use your calculator's value of π to find the approximate answer. Round your answer to the nearest tenth.

3)

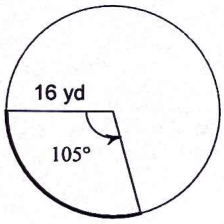


4)

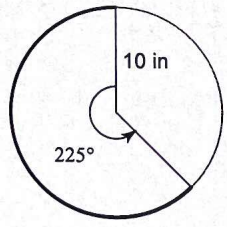


Find the length of each arc. State the exact answer then use your calculator's value of π to find the approximate answer. Round your answer to the nearest tenth.

5)

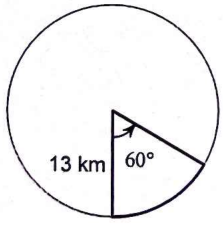


6)

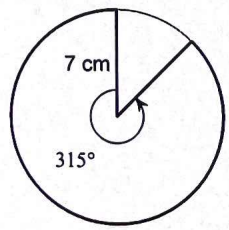


Find the area of each sector. State the exact answer then use your calculator's value of π to find the approximate answer. Round your answer to the nearest tenth.

7)

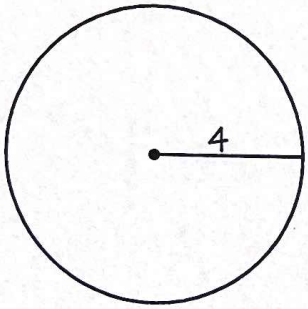


8)



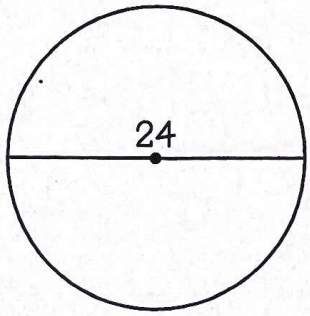
What did the cheesy Elvis sing about?

Find both the area and circumference or perimeter. Let pi = 3.14 and round your answers to the nearest hundredth. To figure out the joke, place the letter of each problem above the answer on the line(s) below. Some blanks will go unfilled.



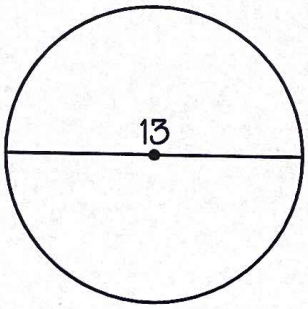
S: A = ____

E: C = ____



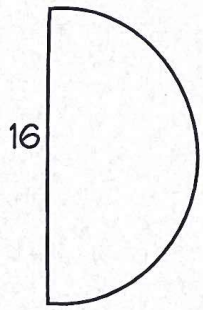
E: A = ____

E: C = ____



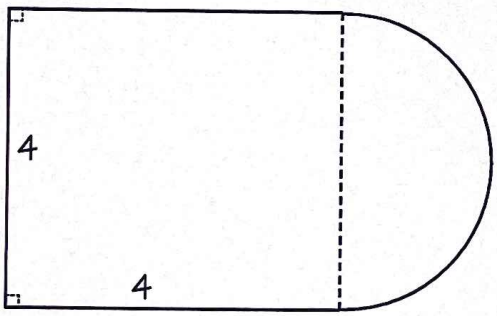
H: A = ____

E: C = ____



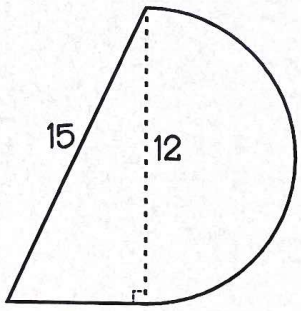
L: A = ____

D: P = ____



U: A = ____

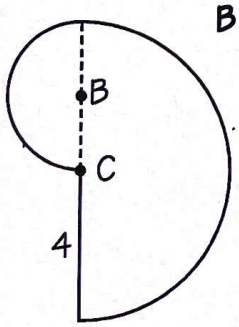
S: P = ____



S: A = ____

O: P = ____

B and C are centers for the semi-circles



U: A = ____

B: P = ____

52.31	22.84	100.48	25.12	22.28	13.58	50.24	31.4	75.36	41.12	40.82	45.54	18.28	132.67	42.84	452.16	110.52