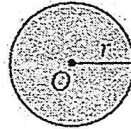


Areas of Circles

Theorem 10-11 Area of a Circle

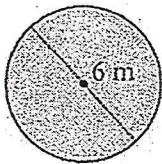
The area of a circle is the product of π and the square of the radius.

$$A = \pi r^2$$

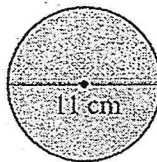


Find the area for each circle. Leave your answers in terms of π .

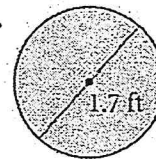
1.



2.



3.



- 4) How much more pizza is in a 12-in.-diameter pizza than in a 10-in. pizza?