Name : _____

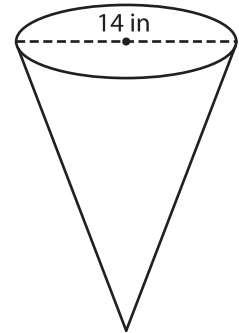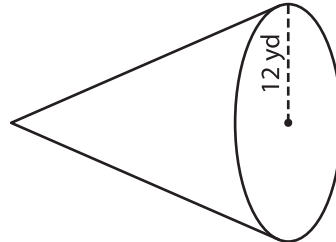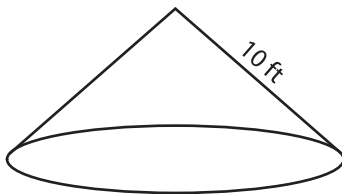## Surface Area - Cone

A) Find the indicated measure. (use π = 3.14)

1) Surface Area = 452.16 ft²   2) Surface Area = 1,205.76 yd²   3) Surface Area = 351.68 in²

14 in

10 ft

12 yd

radius = _____   height = _____

B) Find the indicated

4) Surface Area = 649.98 y   ... ft², slant height = 11 ft

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diameter = _____

6) Surface Area = 477.28 ft   ... in², slant height = 5 in

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slant height = _____   height = _____

C) What is the radius of the cone whose surface area is 1,975.06 square feet and slant height is 20 feet? (use π = 3.14)

_____