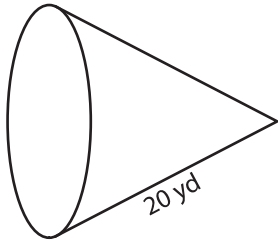Name : _____

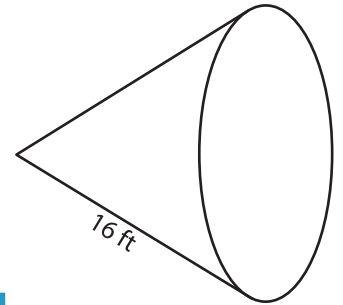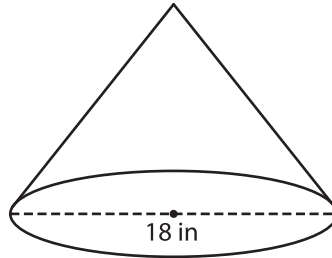## Surface Area - Cone

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

1) Surface Area = 1,205.76 yd²   2) Surface Area = 593.46 in²   3) Surface Area = 932.58 ft²

20 yd

18 in

16 ft

height = _____   radius = _____

B) Find the indicated

4) Surface Area = 942 ft², s   l yd², diameter = 10 yd

height = _____   _____

6) Surface Area = 1,036.2 i   3 ft², slant height = 12 ft

slant height = _____   diameter = _____

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C) The surface area of a cone is 94.2 square yards. If its slant height is 7 yards, determine the radius of the cone. (use π = 3.14)

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