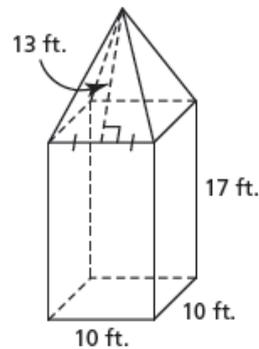
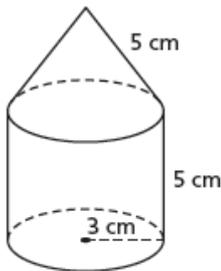


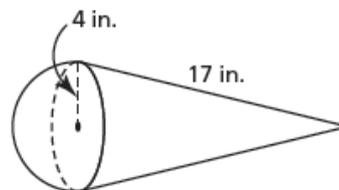
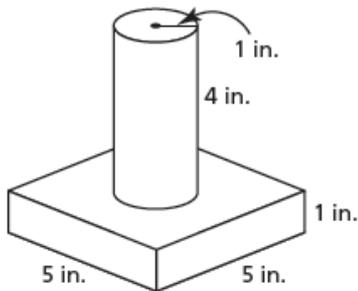
HOMWORK...



- #1. Determine the surface area of each composite object to the nearest square unit.
- a) right cylinder and right cone
 - b) right square prism and right square pyramid



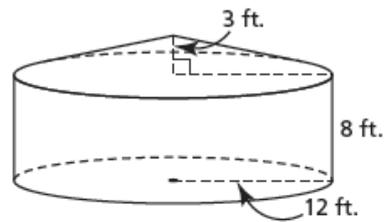
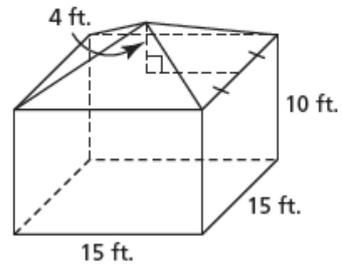
- c) right square prism and right cylinder
- d) right cone and hemisphere



Solutions...
 #1. a) 170 cm^2 b) 1040 ft.^2
 c) 95 in.^2 d) 314 in.^2

#2. Here are two different grain storage bins.

Each storage bin has a cement base.
 The materials for the walls and roof of the square-based bin cost \$10.49 per square foot.
 The materials for the walls and roof of the circular-based bin cost \$9.25 per square foot.
 Which bin is cheaper to build? Justify your answer.



1.7 Solving Problems Involving Objects