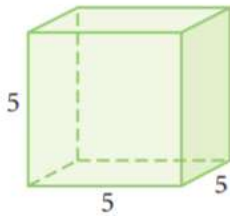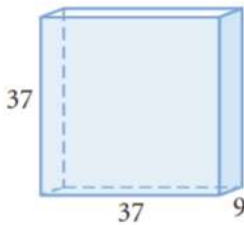Lesson 8.7 Assignment   Name:_____

In Exercises 1-9, find the surface area of each solid. All quadrilaterals are rectangles, and all given measurements are in centimeters. Round your answers to the nearest 0.1 cm^2.
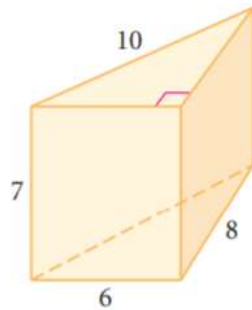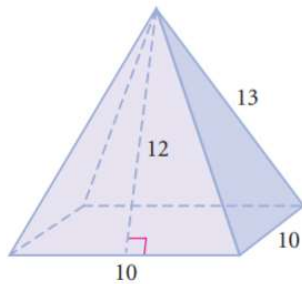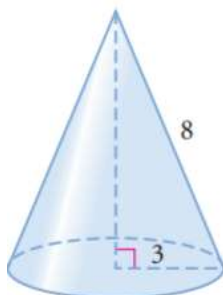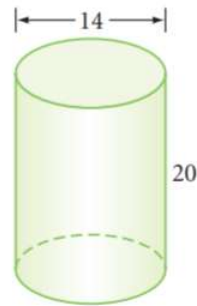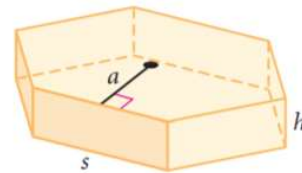
1)

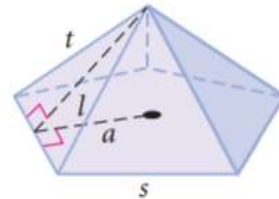

2)

3)

4)

5)

6)

7) The base is a regular hexagon with apothem $a \approx 12.1$, side $s \approx 14$, and height $h = 7$.

8) The base is a regular pentagon with apothem $a \approx 11$ and side $s = 16$. Each lateral edge $t = 17$, and the height of a face $l = 15$.

9) $D = 8, d = 4, h = 9$