Nets and surface area homework: name: _____
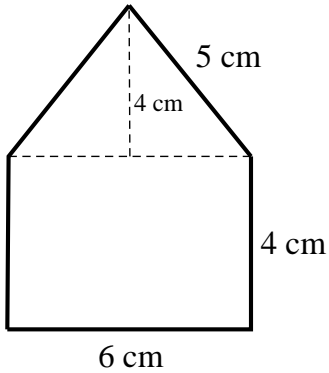
For each of these described shapes:
a. Sketch a net (with all of the side lengths labelled)
b. Find the surface area.

1. A prism whose base is the (irregular) pentagon below, and where the distance between the two bases is 3 cm:
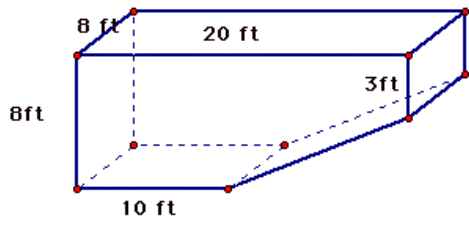

5 cm

4 cm

4 cm

6 cm

2. A pyramid with square base with the measurements:
   - the side length of the square base is 10 cm
   - the height of the pyramid is 12 cm
   - the slant height of the pyramid is 13 cm

Find the surface area of these shapes:

3. This is a prism. Which face(s) are the base?
Draw out each face separately and find the areas and add to get the total surface area:

4. Draw out each face separately and find the areas and add to get the total surface area: