PRISMS AND PYRAMIDS

Name: _____ Class: _____ Due Date: _____

Family Member Signature: _____

Objective:

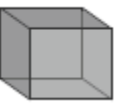To practice using nets and models to find surface area of prisms and pyramid.

Necessary Information:

Calculators allowed.

Surface area is the total area of the faces.

Practice Section:

1. Match each object with its net. Put the corresponding letter atop the object.

_____   _____   _____   _____   _____   _____   _____

A   D   G   J

B   E   H   K

C   F   I
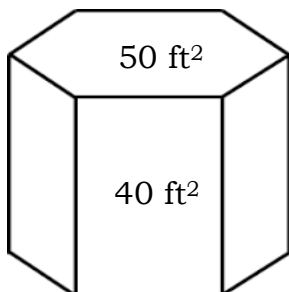
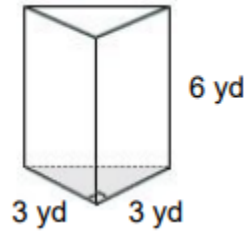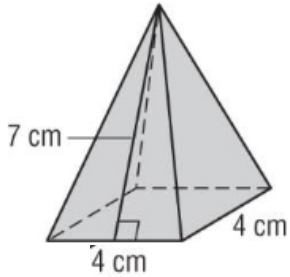2. Use the information on the regular hexagonal prism to determine the total surface area.

50 ft²

40 ft²

3. Name the object, draw the net and find the total surface area.

a. Name: _____

   Surface Area: _____

b. Name: _____

   Surface Area: _____

7 cm

4 cm

4 cm

6 yd

3 yd   3 yd

In <u>Your</u> Real World:

With a family member, calculate the amount of wrapping paper needed to wrap the gift.

10 cm

8 cm

8 cm