Chapter 12

Lesson 1

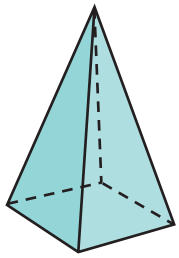
Name _____ Date _____

Transforming Two-Dimensional Nets into Three-Dimensional Figures

NCTM Standards 3, 7, 8, 9, 10

Look at each three-dimensional figure and answer the questions by writing *yes* or *no*.

1



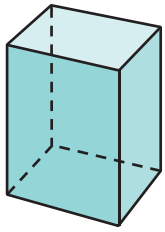
Does this three-dimensional figure appear to have any faces that are

parallelograms? _____ perpendicular? _____

triangles? _____ congruent? _____

trapezoids? _____ parallel? _____

2



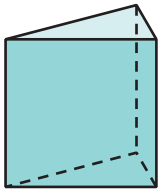
Does this three-dimensional figure appear to have any faces that are

parallelograms? _____ perpendicular? _____

triangles? _____ congruent? _____

trapezoids? _____ parallel? _____

3



Does this three-dimensional figure appear to have any faces that are

parallelograms? _____ perpendicular? _____

triangles? _____ congruent? _____

trapezoids? _____ parallel? _____

Use the small copy of your net.

4 Tape or glue the net here.

5 Describe your net.

6 **Challenge** Tell how you could find the total area of the net.