Identify and Draw Nets

Name _____

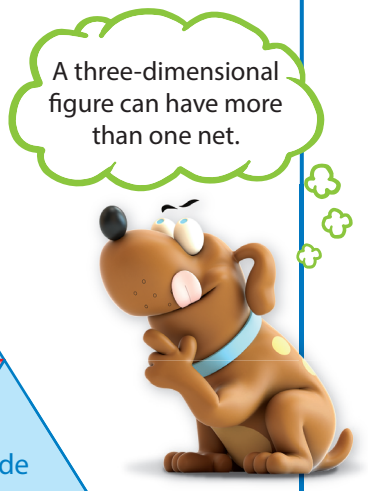
Learning Target: Use nets to represent three-dimensional figures.

Success Criteria:

- I can identify a three-dimensional figure given its net.
- I can draw a net given a three-dimensional figure.

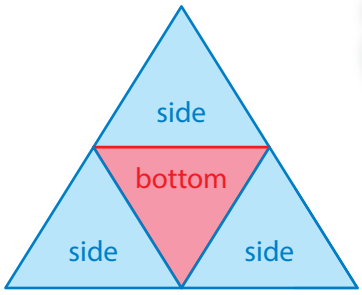
Explore and Grow

Key Idea A **net** is a two-dimensional representation of a three-dimensional figure when it is unfolded.



Cut out and fold Net 1 and Net 2 to form three-dimensional figures. Then complete the statements.

Net 1:

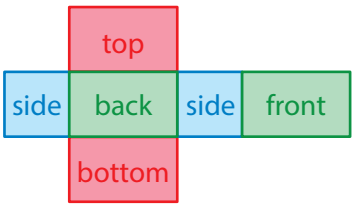


The base is a _____.

The lateral faces are _____.

This is the net of a _____.

Net 2:



The bases are _____.

The lateral faces are _____.

This is the net of a _____.

MP **Structure** Draw a different net for each three-dimensional figure above.

Net 1:

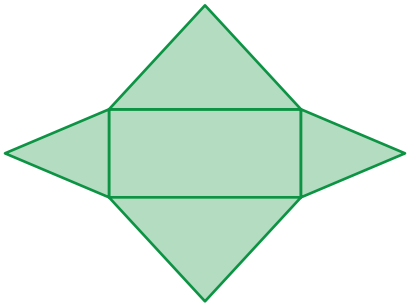
Net 2:

Practice

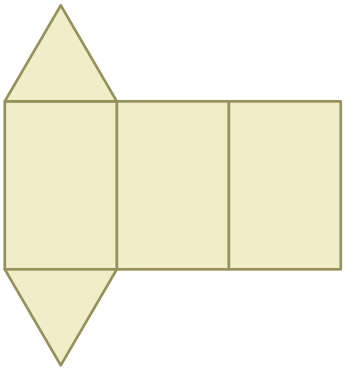
Name _____

Identify the figure that can be formed by the net.

1.

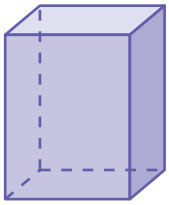


2.

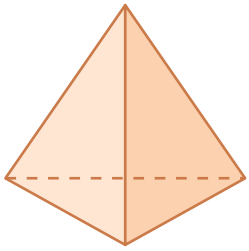


Draw a net for the figure.

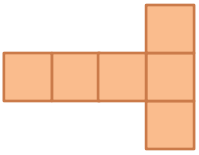
3.



4.



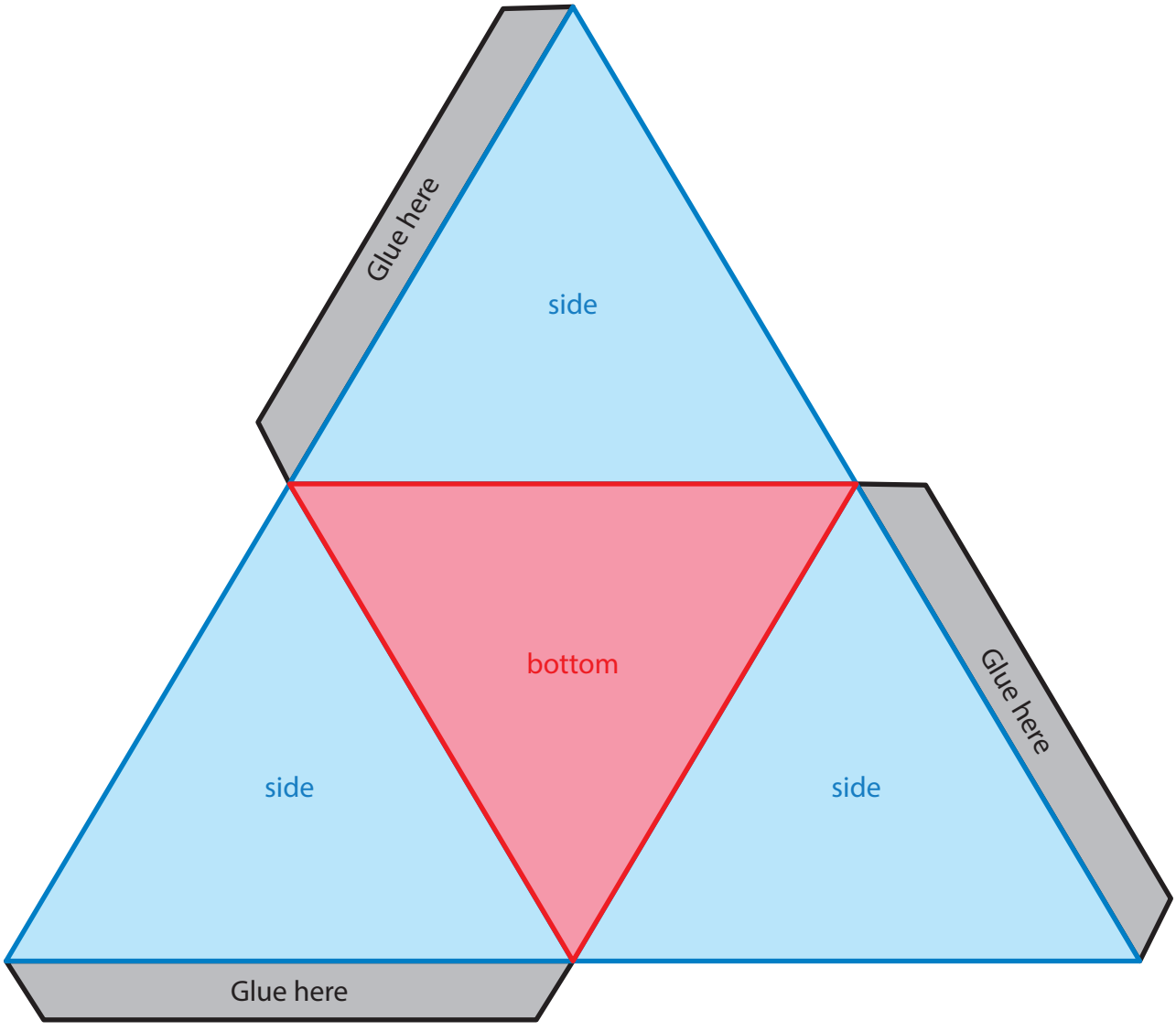
5. MP **Structure** Identify the figure that can be formed by the net. Then draw a different net for the figure.



6. **Modeling Real Life** You want to design your own cereal box. Draw and label a net that you can use to create your design. Use the labels *front*, *back*, *side*, *top*, and *bottom*.

Name _____

Net 1



Name _____

Net 2