

# Describing Three-Dimensional Figures

NCTM Standards 3, 6, 7, 8, 9, 10

Attach a copy of your net here.



1 Describe the faces of your figure.

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2 Does your figure have two faces that don't share an edge?

Yes     No

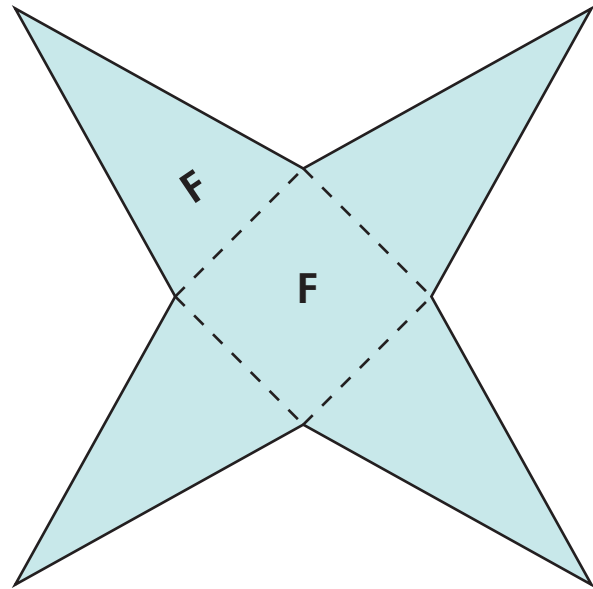
If you answered yes, shade one pair of those faces on the net.

3 Does your figure have two faces that appear to be perpendicular to each other?

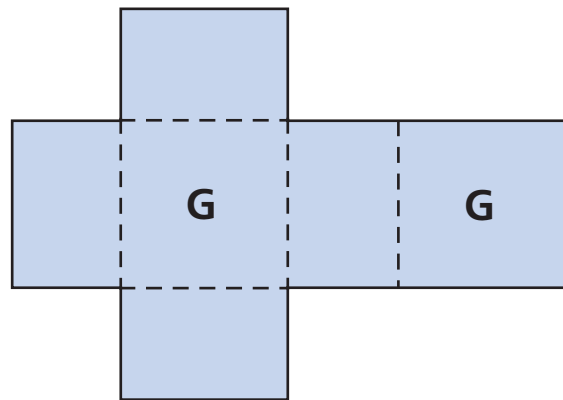
Yes     No

If you answered yes, circle them on the net.

- 4 The quadrilateral on this net is a square. Find two parallel edges on the three-dimensional figure. Circle them on the net.



- 5 All of the figures on this net are rectangles. Find two perpendicular faces on the three-dimensional figure. Shade them on the net.



- 6 **Challenge** Find two vertices that are not connected by an edge. Circle them on the net.

