Measuring Polygon Angles
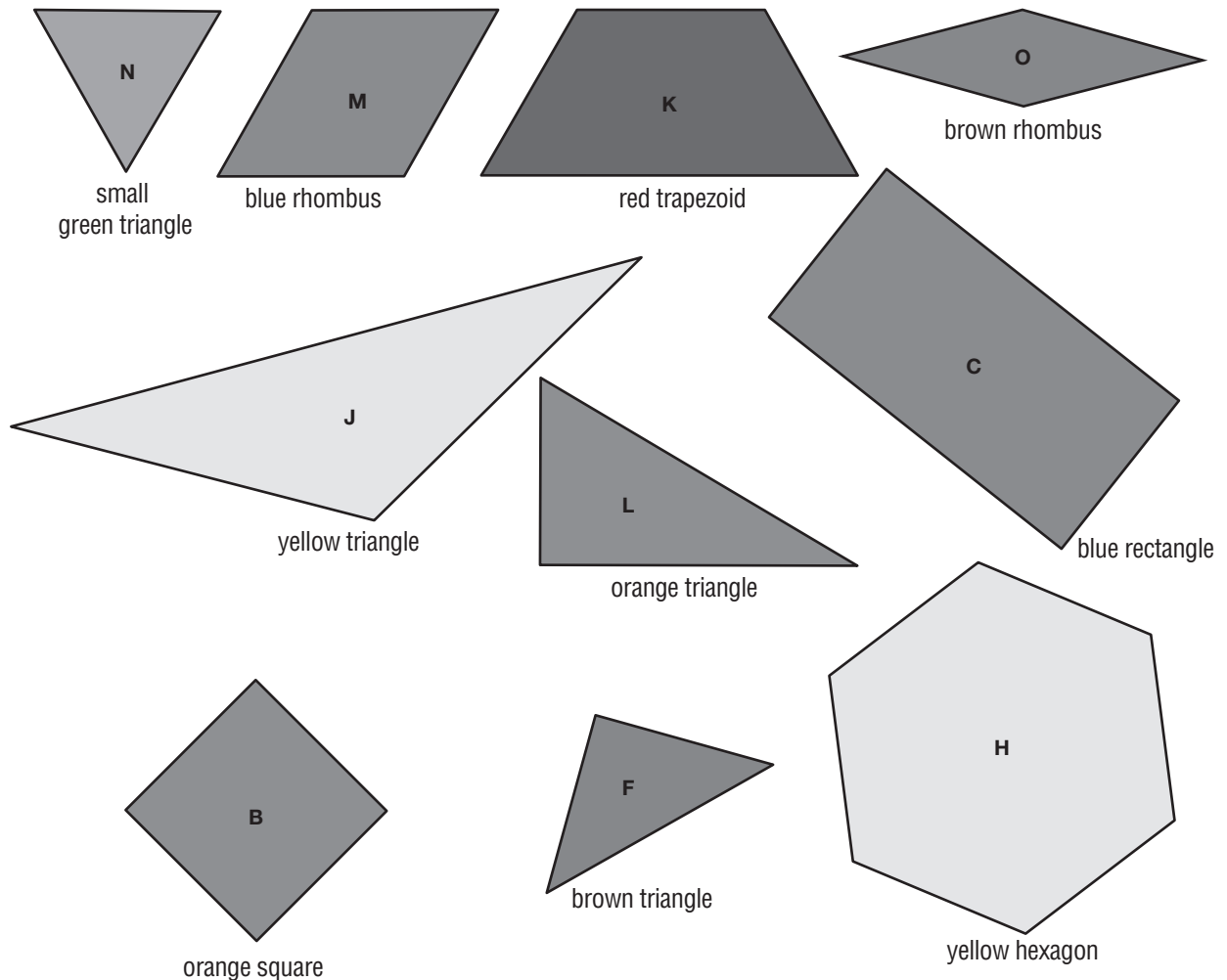
Here are the names for ten Power Polygons™. Take out these polygons to help you answer Questions 1–3 below.

N

small
green triangle

M

blue rhombus

K

red trapezoid

O

brown rhombus

J

yellow triangle

C

blue rectangle

L

orange triangle

B

orange square

F

brown triangle

H

yellow hexagon

1. Find the measures of the angles of the small green triangle. Write the angle measures inside the green triangle above.

2. Place two green triangles on top of the blue rhombus. What is the degree measure of each of the angles of the rhombus? (Hint: you do not have to measure.) Write the angle measures inside the blue rhombus above.

3. Find the angle measures of all the polygons. You can use shortcuts to find angle measures. Write the angle measures inside the pictured shapes.