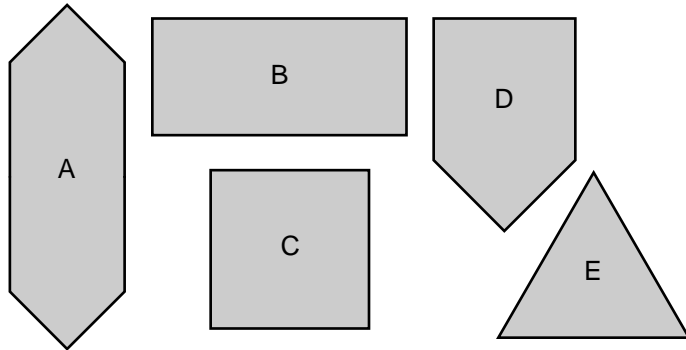


Polygons

PS 6-4

Building Blocks A child's building-block set has blocks of all shapes and sizes, but they are all the same thickness. Below are the faces of a few of the blocks.



1. Which of the blocks appear to have faces that are regular polygons?

2. Name any two blocks that are the same type of polygon by the number of sides.

The Corral Billy Joe is building an octagonal-shaped corral for his horses. He is making each side 12 ft long.

3. How many sides does the corral have? _____

4. What is the distance around the corral? _____

5. **Writing in Math** Explain how you can tell if Billy Joe's corral is a regular polygon.

