

**HOME LINK**  
**5•3**

# Parallel Line Segments


**Family Note**

Parallel line segments are always the same distance apart. They would never meet, even if they were extended forever in either or both directions. In Problem 1, line segment  $DC$  is parallel to line segment  $AB$ , and line segment  $AD$  is parallel to line segment  $BC$ . There are no parallel line segments in Problem 2.

Please return the **top part** of this Home Link to school tomorrow.



1. Draw line segments  $AB$ ,  $BC$ ,  $CD$ , and  $DA$ .  $A \bullet$   $\bullet B$

Put a red **X** on the line segment that is parallel to line segment  $AB$ .

Put a blue **X** on the line segment that is parallel to line segment  $BC$ .  $D \bullet$   $\bullet C$

2. Draw line segments  $AB$ ,  $BC$ , and  $CA$ .  $A$   
 $\bullet$

Is any line segment in your drawing parallel to line segment  $AB$ ? \_\_\_\_\_

$C \bullet$   $\bullet B$


**Special Family Note**

In Lesson 5-6, your child will be studying 3-dimensional shapes. Help your child gather 3-dimensional objects for a class collection that we call the "Shapes Museum." You and your child might want to separate the objects you collect according to shape.

## Shapes Museum

For the next few days, your class will collect things to put into a Shapes Museum. Starting tomorrow, bring items like boxes, soup cans, party hats, pyramids, and balls to school. Ask an adult for permission before bringing in these items. Make sure that the things you bring are clean.