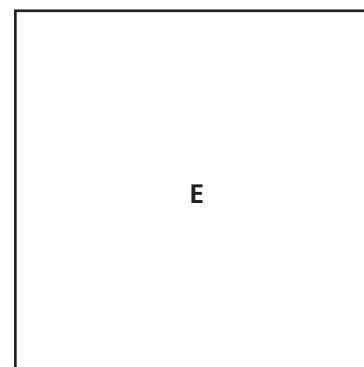
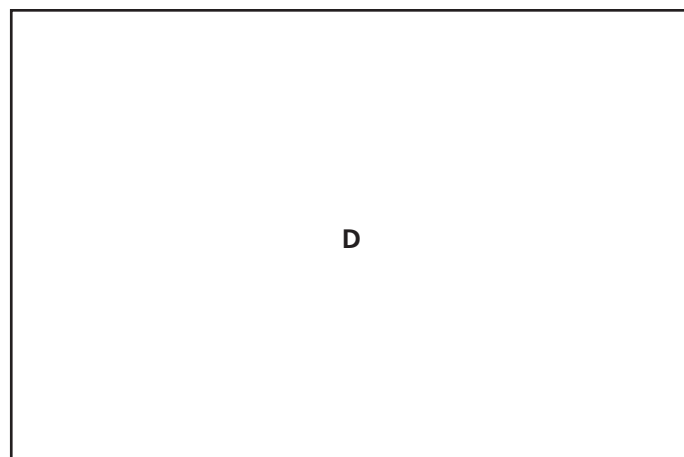
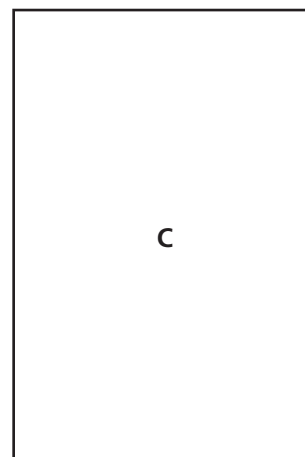
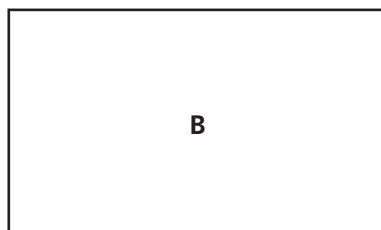
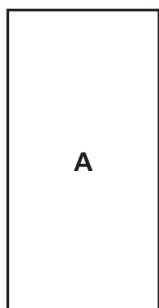


Enrich**Ratios and Rectangles**

1. Use a centimeter ruler to measure the width and the length of each rectangle. Then express the ratio of the width to the length as a fraction in simplest form.



2. Similar figures have the same shape, but not necessarily the same size.
- Two rectangles are similar if the ratio of the width to the length is the same for each. Which rectangles in Exercise 1 are similar?
 - On a separate sheet of paper, draw 2 other similar rectangles.
3. For centuries artists and architects have used a shape called the golden rectangle because people seem to find it most pleasant to look at. In a golden rectangle, the ratio of the width to the length is a little less than $\frac{5}{8}$.
- Which rectangle in Exercise 1 is most nearly a golden rectangle?
 - On a separate sheet of paper, draw 2 other golden rectangles.