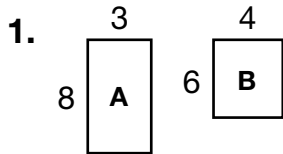
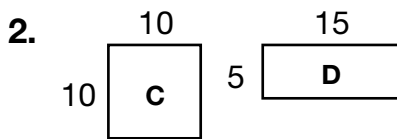
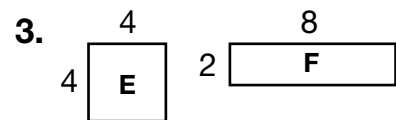


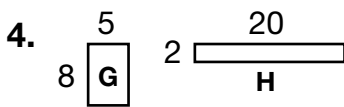
Same Area, Different Perimeter

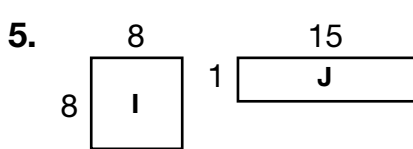
For 1 through 9, write “yes” if the 2 rectangles have the same area and “no” if they do not. If they have the same area, tell which one has the smaller perimeter.

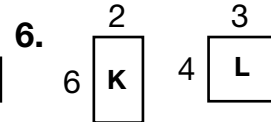


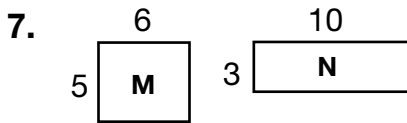


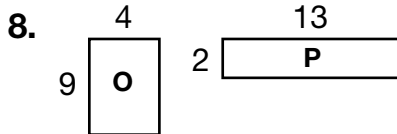


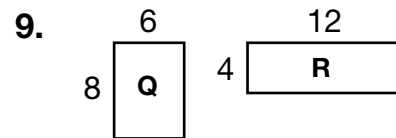






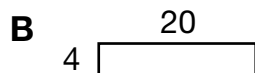
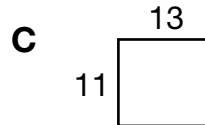
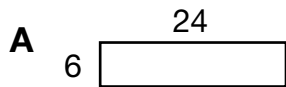






10. Two rectangles have an area of 81 square inches. Name one possible perimeter for each rectangle. _____

11. The length of a rectangle is 12 inches and the width is 12 inches. Which rectangle has the same area?



12. **Writing to Explain** The area of a rectangle is 100 square inches. The perimeter of the rectangle is 40 inches. A second rectangle has the same area but a different perimeter. Is the second rectangle a square? Explain why or why not.

