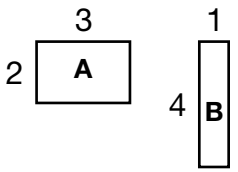
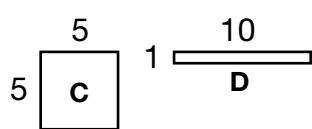
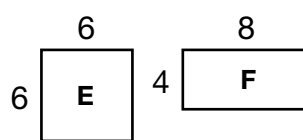
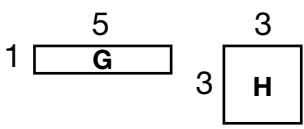
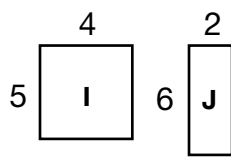
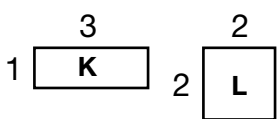
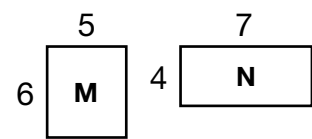
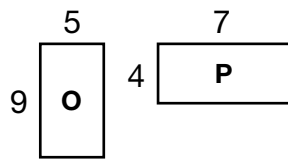
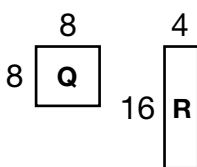


Same Perimeter, Different Area

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

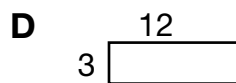
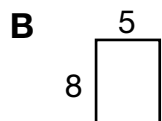
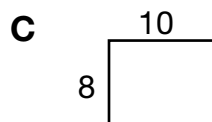
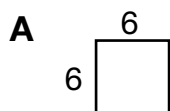
1.  2.  3. 

4.  5.  6. 

7.  8.  9. 

10. Two rectangles have a perimeter of 16 inches. Name one possible area for each rectangle. _____

11. The length of a rectangle is 12 inches and the width is 6 inches. Which rectangle has the same perimeter?



12. **Writing to Explain** The perimeter of rectangle Z is equal to its area. Rectangle Y has the same perimeter as rectangle Z. The length of rectangle Y is 5 inches and the width is 3 inches. Explain how you can find the length and width of rectangle Z.
