

1a.  $3x + 4x + x =$

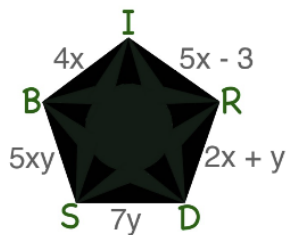
1b. In the problem above,  
 $x$  is the same as \_\_\_\_\_

2. What is a coefficient?

3a.  $8x^2 - 2x^2 + 7x =$

3b. In the problem above,  
\_\_\_\_ and \_\_\_\_ are like terms

4. Write a simplified expression for the perimeter of the pentagon BIRDS.



5. A rectangular rug has a width that is 7 feet shorter than its length.

5a. Draw and label the figure.

5b. Find the perimeter.

5c. Do a check by letting  $x = 10$ 

$$x + x - 7 + x + x - 7 = 4x - 14$$

6. Find the simplified expression for the perimeter of the triangle below.

