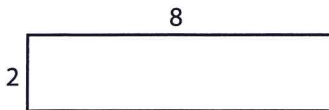


**Area, Perimeter & Multiplication page 1 of 2**

- 1 Jeff is going to hang wallpaper on the big wall in his living room. The wall is 16 feet tall and 23 feet wide. There is a window in the middle of the wall that is 5 feet tall and 8 feet wide. How many square feet of wall does Jeff have to cover with wallpaper? Hint: Draw a picture. Show all of your work.

- 2 The wallpaper Jeff wants to use comes in rolls that are 1 yard wide and 10 yards long. How many square feet of wallpaper are in each roll? Show all of your work.

- 3 **CHALLENGE** What happens to the area of a rectangle if you double one side while cutting the other side in half? Start with the rectangle below. Draw and label two more rectangles to show what happens.



(continued on next page)

Area, Perimeter & Multiplication page 2 of 2

4 Complete each multiplication puzzle. Fill in the products of rows and diagonals.

ex

			35
8	6	1	48
3	5	3	45
7	4	2	56
			80

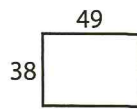
a

			56
1	6		
4	2		32
4	1		36
			18

b

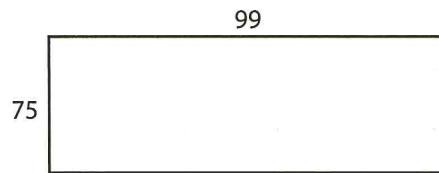
	3		0
4	2		72
	3	3	45
			42

5 Find the area and perimeter of each figure below.

a

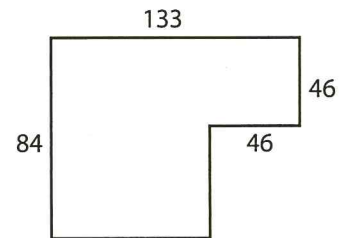
Area = _____

Perimeter = _____

b

Area = _____

Perimeter = _____

c

Area = _____

Perimeter = _____

6 **CHALLENGE** On a separate piece of paper, draw and label a rectangle with an area of 32 square units and a perimeter of 36 units. Use numbers or words to show that you are correct. Attach the piece of paper to this page.