Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Applications of Area and Perimeter Classwork**

A = l × w P = 2(l + w)

1. The perimeter of a rectangle is 52. The length is 6in more than the width. Find the length and width.
2. The perimeter of a rectangle is 60in. The length is 2 times bigger than the width. Find the length and width.
3. The Perimeter of a rectangle is 16in. The width of the rectangle is 5in less than the length. Find the length and width.
4. The perimeter of a rectangle is 28in. The length of the rectangle is 6in more than the width. Find the length and width.
5. The perimeter of a rectangle is 48in. The length of the rectangle is 2 times longer than the width. Find the length and width.
6. The perimeter of a rectangle is 30in. The width of the rectangle is 3in less than the length. Find the length and width.
7. The perimeter of a rectangle is 16in. The length of the rectangle is 2in more than the width. Find the length and width.
8. The perimeter of a rectangle is 20in. the length of the rectangle is 4 times bigger than the width. Find the length and width.
9. The perimeter of a rectangle is 32in. the width of the rectangle is 6in less than the length. Find the length and width.
10. The perimeter of a rectangle is 40in. the lancet of the rectangle is 4in more than the width. Find the length and width.
11. The perimeter of a rectangle is 44in. The length of the rectangle is 12in more than the width. Find the length and width.
12. The perimeter of a rectangle is 40in. The length is 3 times as long as the length. Find the length and width.
13. The area of a rectangle is 50in². The length of the rectangle is 2 times as long as the width. Find the length and width.
14. The area of a rectangle is 20in². The length of the rectangle is 5 times longer than the width. Find the length and width.