Geometry – Perimeter

Draw the picture!

1. In a rectangle, if the length is four times the width and the perimeter is 60, find the length and width.

2. The perimeter of a rectangle is 56 inches. If the length is ten more than twice the width, find the length and the width.

3. In a rectangle, if the length is ten less than three times the width and the perimeter is 44 inches find the dimensions.

4. A farmer wishes to fence his rectangular plot for vegetables. He has 112 feet of fencing. If he wants the length to be 8 feet longer than three times the width, how long will the garden be.

5. Paul wants to fence in his rabbits using the side of his garage. He has 60 feet of fencing. If he wants a rectangular space with the length to be 12 feet longer than the width, what will be the dimensions of his rabbits play area?

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6. In a triangle, the second side is twice the first and the third side is 5 inches more than the second side. If the perimeter is 55 inches, find the length of the three sides.

7. In an isosceles trapezoid, the larger base measure is 4 feet longer than the shorter base. The shorter base is 2 more than 5 times the length of a leg. If the perimeter is 32 feet, find the measure of each base and the legs.

8. The perimeter of a square is 8 inches, find its area.

9. If a gallon of paint cover 200 square feet, how many gallons will be need to paint four walls of a room when each wall is ten feet high and fifteen feet long?

10. If carpet sells for $36.00 per square yard, how much would it cost to carpet a room that measures 5 yards by 4 yards?

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