

Word Problems

Area & Perimeter

1. The perimeter of Tina's rectangular bedroom is 20 metres. The area is 24 square metres. What are the dimensions of her bedroom?



2. William built a square vegetable garden. It has a perimeter of 12 metres. What is the area of the garden?

3. Max needs to buy carpet for 2 rooms of his house. The first room has a width of 4 metres and a length of 8 metres. The second room has a width of 6 metres and a length of 5 metres. What is the total area of Max's two rooms?

4. 5A's classroom is a rectangle. The perimeter of the room is 30 metres, and the length is 8 metres. What is the width of the room? What is the area of the room?

5. Mrs Campbell marked two identical squares on the carpet. The total area of the two squares is 32m². What are the dimensions of the squares?

Word Problems Answers

Area & Perimeter

1. The perimeter of Tina's rectangular bedroom is 20 metres. The area is 24 square metres. What are the dimensions of her bedroom?

6 metres x 4 metres



2. William built a square vegetable garden. It has a perimeter of 12 metres. What is the area of the garden?

9 square metres

3. Max needs to buy carpet for 2 rooms of his house. The first room has a width of 4 metres and a length of 8 metres. The second room has a width of 6 metres and a length of 5 metres. What is the total area of Max's two rooms?

62 square metres

4. 5A's classroom is a rectangle. The perimeter of the room is 30 metres, and the length is 8 metres. What is the width of the room? What is the area of the room?

Width = 7 metres
Area = 56 square metres

5. Mrs Campbell marked two identical squares on the carpet. The total area of the two squares is 32m². What are the dimensions of the squares?

4 metres x 4 metres