



Area & Perimeter Challenges



Help me
fix my new
house!

Pete's New House




Area & Perimeter Challenges




Pete wants to add and change a number of things in his new house.

Do the area & perimeter calculations for him and find out how much all of these changes will cost him.


Fill in your sheet as you go!

 Name: _____

Pete's New House

Grade 5 & 6 Area & Perimeter 

Object	m ² / m	Price
Carpet		
Bedroom Wall		
Kitchen Bench		
Grass		
Fence		

Total Cost = _____ 

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Area & Perimeter Challenges



I need new carpet in the lounge.



Carpet

1. The size of the area is 12m by 6m. How many square meters of carpet will Pete need?
2. 1 square meter of carpet costs \$4. Work out how much he will have to pay.

Area & Perimeter Challenges



I'm painting
the bedroom
wall!



Bedroom Wall

1. The length of the wall is 6m and the width is 4m. What is the size of the wall in square meters?
2. One litre of paint is \$10. Pete needs 1 litre for every square meter. How much will it cost?

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I need a new kitchen bench!



Kitchen Bench

1. The length of the area is 5m and the width is 3m. How many square meters is the area?
2. The cost of tiles for the bench top is \$8 per square meter. How much will it cost?



Area & Perimeter Challenges



I need some new grass!

Grass Area

1. The backyard is a perfect square with a length of 12m. What's the area?

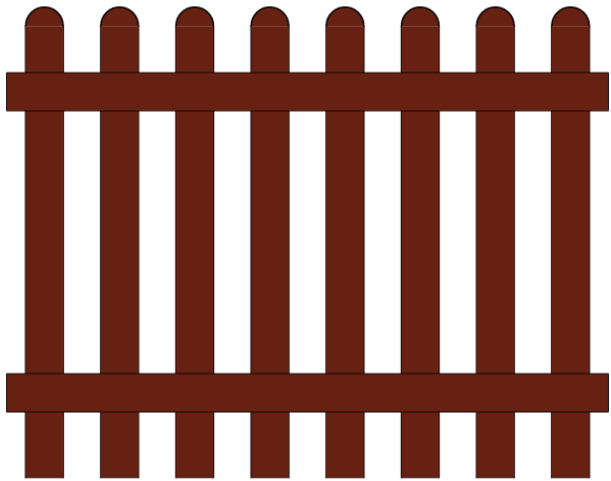
2. The cost of grass is \$20 per square meter. How much will the grass cost?



Area & Perimeter Challenges



I'm painting
the fence!



Fence

1. The length of the fence is 15m and the width is 10m. Work out the total perimeter.
2. The cost of paint is \$6 per square meter. How much will the paint cost?