

Master Maths 7 Worksheet 47

Area 3 - Problem Solving

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Name: _____

1. Penny wants to make a pen for her rabbits. She has 16 metres of wire mesh that she is going to use to make a rectangular pen.
- (a) If the pen is 5 metres long and 3 metres wide, what is the area of the pen?

m²

- (b) Find the length and width of two other pens that she could make using the 16 metres of wire mesh. Find the area of each of these pens.

	Length	Width	Area
Pen 1			
Pen 2			

2. Terry is going to tile his bathroom floor. The bathroom is 3 metres long and 2 metres wide. Tiles cost \$50 per square metre. Find the cost to tile Terry's bathroom floor.

3. Anne wants to plant grass in her backyard. The yard is 40 m long and 10 m wide and there is a 10 m by 7 m garage in the corner. A packet of grass seed covers 60 m². How many packets of seed will she need?

packets

4. The cost for advertising space in a newspaper was \$2 per square centimetre (cm²). Use a ruler to measure the advertisements below and calculate the cost to place them in the newspaper.

(a)

Sally's Dog Washing Service

Anyone wanting to wash Sally's dog please contact 55682459

(b)

Wonted

Help to do homework
Carnt pay mutch
Pleese dont tell
Mum or the Teecher
Corl Bart
9%67*lll

- (c) Think of your own advertisement. Draw it below and work out its cost.