

Multiplying decimals WS

Not all for Homework. We will work on this again tomorrow

4. Multiply.

a) 4.2×3.7

b) 8.9×0.3

c) 0.6×0.9

5. A rectangular plot of land measures 30.5 m by 5.3 m.

What is the area of the plot?

Estimate to check your answer is reasonable.

7. **Assessment Focus** An area rug is rectangular.

Its dimensions are 3.4 m by 2.7 m.

Show different strategies you can use
to find the area of the rug.

Which strategy is best? Justify your answer.



9. The fuel consumption estimates of Josie's car are:

City: 21.2 km/L

Highway: 23.3 km/L

The car's gas tank holds 40.2 L of fuel.

a) How far could Josie drive on a full tank of gas on the highway
before she runs out of fuel?

b) How far could she drive on a full tank of gas in the city?

What assumptions did you make?

- 10.** Find the cost of each item at the Farmers' Market.
Which strategy will you use? Justify your choice.

a) **4kg** of apples at \$0.95/kg

b) **3.2 kg** of potatoes at \$1.19/kg

c) **2.5 kg** of herbs at \$2.48/kg

- 12.** a) Multiply 18×12 .

- b) Use only the result from part a and estimation.

Find each product.

i) 1.8×12

ii) 18×0.12

iii) 0.18×12

iv) 0.18×0.12