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4. Multiply. Use a rectangle model.

a)  $4.2 \times 3.7$

b)  $8.9 \times 0.3$

c)  $0.6 \times 0.9$

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.



6. Multiply. Describe any patterns you see.

a)  $8.36 \times 10$

$8.36 \times 100$

$8.36 \times 1000$

$8.36 \times 10\,000$

b)  $8.36 \times 0.1$

$8.36 \times 0.01$

$8.36 \times 0.001$

$8.36 \times 0.0001$

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

a) 2.56 kg of apples at \$0.95/kg

b) 10.5 kg of potatoes at \$1.19/kg

c) 0.25 kg of herbs at \$2.48/kg

**12.** a) Multiply  $18 \times 12$ .

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

Find each product.

i)  $1.8 \times 12$

ii)  $18 \times 0.12$

iii)  $0.18 \times 12$

iv)  $0.18 \times 0.12$