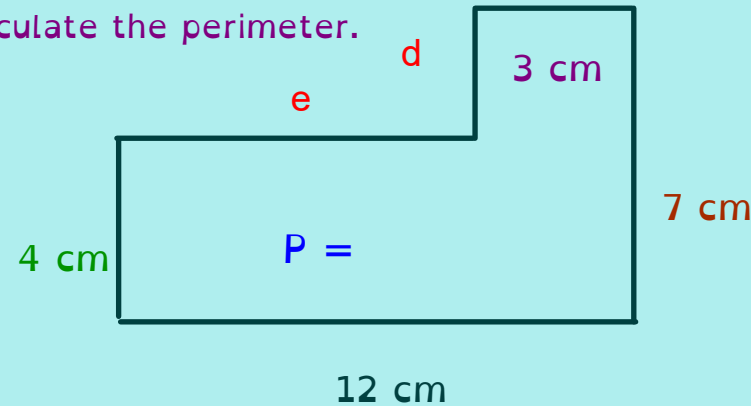


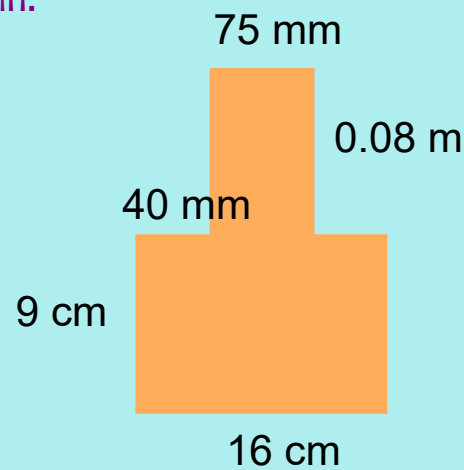
STARTER: I can calculate the perimeter of different shapes and find missing sides.



a) Add the missing sides and then calculate the perimeter.



b) True or false? Explain.



The perimeter of the shape is 64cm.

L.O.: I can find area of rectangles.

What is the area?

How can I find the area?

6 cm



9 cm

Sentence-Stems:

- I agree/disagree, because ...
- The area of a shape is ...
- To find area of a rectangle, I simply ...

Keywords:

square, multiply, product, measure, millimetre, centimetre, metre, kilometre, length, width, depth, perimeter, area, volume, ruler, measuring tape, metre stick ...

L.O.: I can find area of rectangles.

The area is the space inside a 2-dimensional shape.
To find the area of a regular quadrilateral, I simply multiply
length by width. I must add ...² to the measurement.

True or false? Explain.

7 cm



11 cm

The area of this
rectangle is 36cm^2 .

Sentence-Stems:

- I agree/disagree, because ...
- The area of a shape is ...
- To find area of a rectangle, I simply ...

Keywords:

square, multiply, product, measure, millimetre, centimetre, metre, kilometre, length,
width, depth, perimeter, area, volume, ruler, measuring tape, metre stick ...

L.O.: I can find area of rectangles.

Investigation:

How many different rectangles with an area of 42cm^2 can you draw? Draw them and add their dimensions (length and width).



Sentence-Stems:

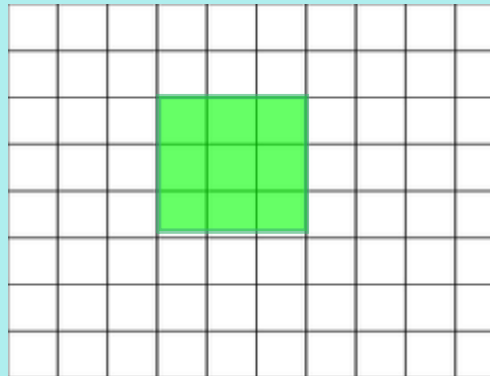
- I agree/disagree, because ...
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Keywords:

square, multiply, product, measure, millimetre, centimetre, metre, kilometre, length, width, depth, perimeter, area, volume, ruler, measuring tape, metre stick ...

L.O.: I can find area of rectangles.

True or False? Explain.



If each small square
is 3 cm long, then
the total green area
is 81 cm^2

Sentence-Stems:

- I agree/disagree, because ...
- The area of a shape is ...
- To find area of a rectangle, I simply ...

Keywords:

square, multiply, product, measure, millimetre, centimetre, metre, kilometre, length, width, depth, perimeter, area, volume, ruler, measuring tape, metre stick ...

L.O.: I can find area of rectangles.

Draw and calculate the word-problem.

Adrian's family lives in a row of 12 houses, each has a garden that measures 6 m by 8 m. What is the combined garden size of all the houses?

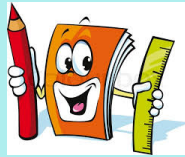
Sentence-Stems:

- I agree/disagree, because ...
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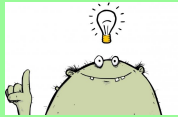
Keywords:

square, multiply, product, measure, millimetre, centimetre, metre, kilometre, length, width, depth, perimeter, area, volume, ruler, measuring tape, metre stick ...

L.O.: I can find area of rectangles.



Task: In your house, find 10 different rectangular surfaces. Measure their dimensions and calculate their area.



Plenary

RL: What I found tricky today, was ...

What helped me be successful today, was ...

Sentence-Stems:

- I agree/disagree, because ...
- The area of a shape is ...
- To find area of a rectangle, I simply ...

Keywords:

square, multiply, product, measure, millimetre, centimetre, metre, kilometre, length, width, depth, perimeter, area, volume, ruler, measuring tape, metre stick ...



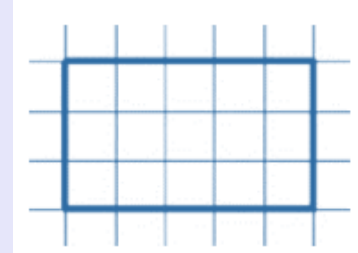
Extensions

L.O.: I can find area of rectangles.

Fluency

What is the area of this shape if:

- each square is 2 cm in length?
- each square is 3.5 cm in length?



Reasoning

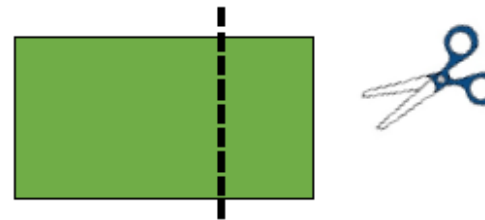
True or

false?

Explain how
you know.

If you cut off a piece from a shape, you
reduce its area and perimeter.

Draw 2 examples to prove your thinking.

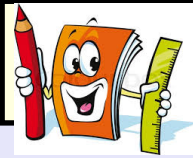


Sentence-Stems:

- I agree/disagree, because ...
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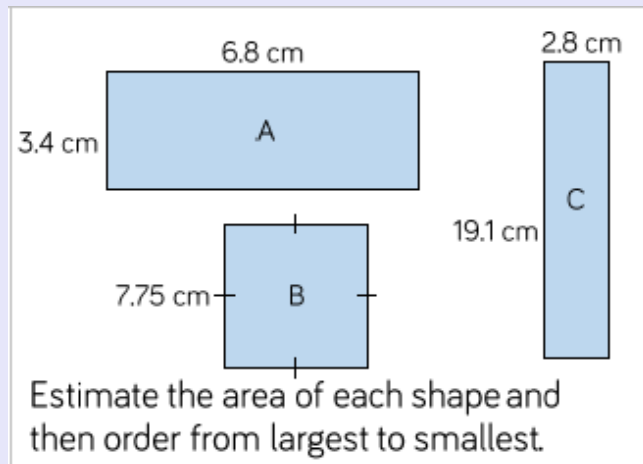


Extensions

L.O.: I can find area of rectangles.

Diving

Deeper A



Diving

Deeper B



Each orange square has an area of 24 cm^2 .
 Calculate the total orange area.
 Calculate the blue area.
 Calculate the green area.
 What is the total area of the whole shape?

Sentence-Stems:

- I agree/disagree, because ...
- The area of a shape is ...
- To find area of a rectangle, I simply ...

Keywords:

square, multiply, product, measure, millimetre, centimetre, metre, kilometre, length, width, depth, perimeter, area, volume, ruler, measuring tape, metre stick ...