Area

LO: To be able to find the area of compound shapes.

LO: To be able to find the area of compound shapes.

1) Recap how to find the area of a rectangle.

2) Practice questions

3) How to find the area of a compound shape.
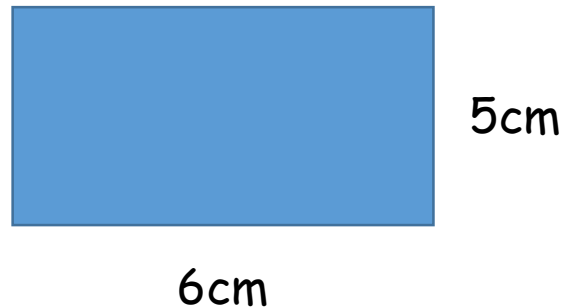
4) Practice questions.

5) Follow up work

LO: To be able to find the area a compound shape.

To find the <u>area</u> of a rectangle work out <u>length x width</u>

Find the <u>area</u> of the rectangle

5cm

6cm

<u>Length</u> = 6cm
<u>Width</u> = 5cm
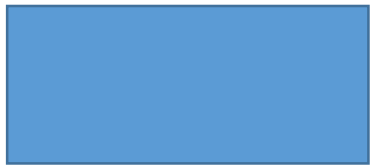<u>Area</u> = 6 x 5 = 30 cm^2

LO: To be able to find the area of rectangles.

Use the Chat button at the bottom of your screen to answer the questions.

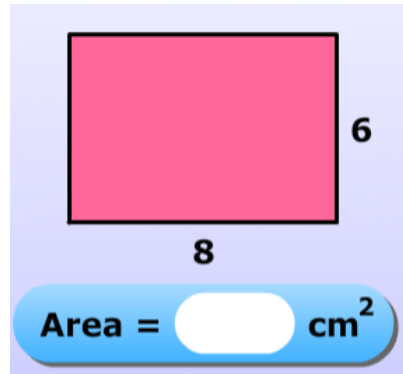You can chose to just reply to Mrs Gould, Mrs Rushworth or everybody.
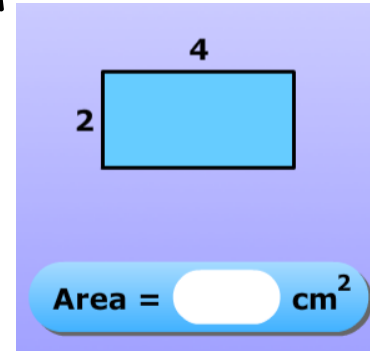
Area = length x width

width

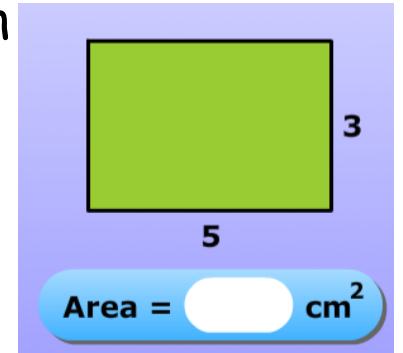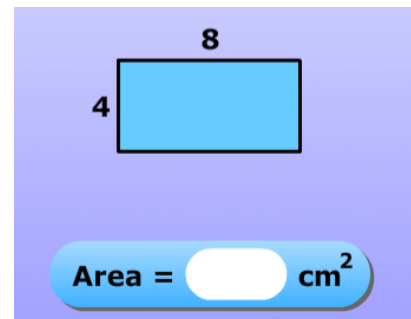length

Rhone

6

8

Area = ___ cm^2

Callum

4

2

Area = ___ cm^2

Nathan

3

5

Area = ___ cm^2

Kian

8

4

Area = ___ cm^2

Ewan

6

8

Area = ___ cm^2

Emmanuel

2

5

Area = ___ cm^2
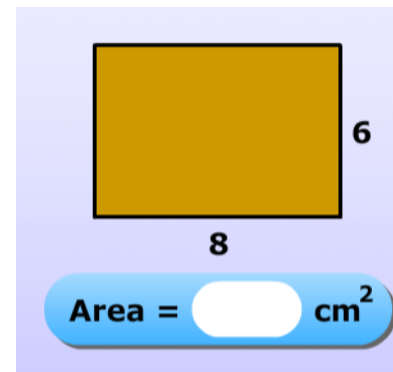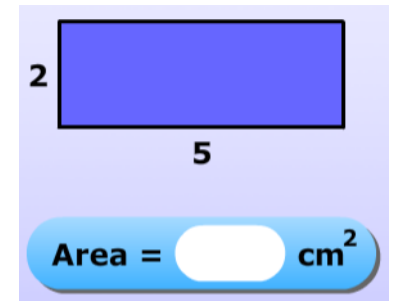
LO- To be able to find the area of a compound shape.

Find the area of this shape.

2 cm

6 cm

5 cm   A

B   3 cm

2 cm

5 cm   A

6 cm

B   3 cm
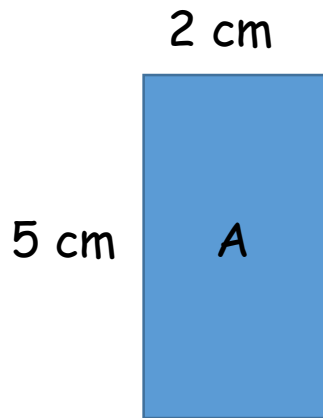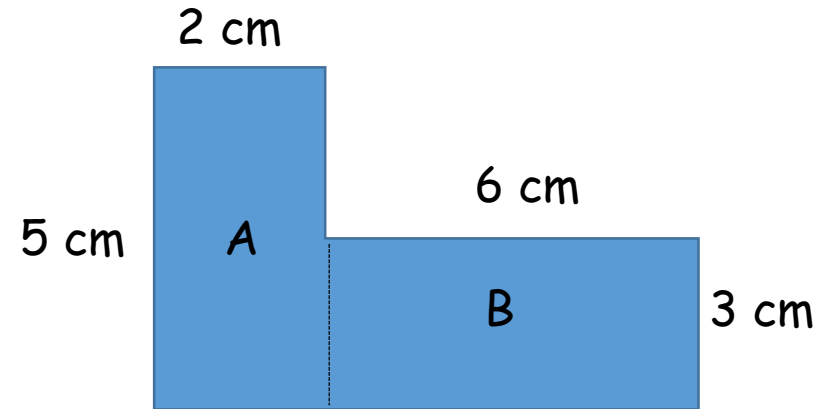
A

$5 \times 2 = 10cm^2$

B

$6 \times 3 = 18cm^2$

A + B = $10 + 18 = 28cm^2$
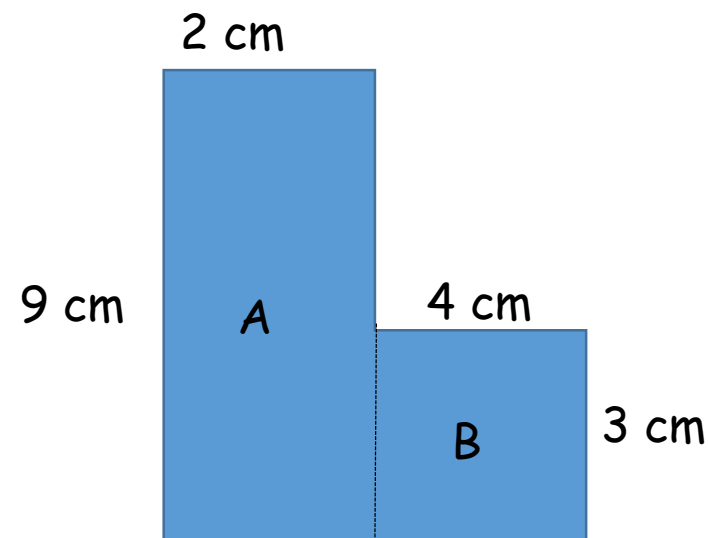
LO- To be able to find the perimeter of a composite shape.

Find the area of this shape

1) What is the area of A?

2) What is the area of B?

3) What is the answer of A+B

2 cm

9 cm

A

4 cm

B

3 cm

A

$9 \times 2 = 18cm^2$

B

$4 \times 3 = 12cm^2$

A + B = $18 + 12 = 30cm^2$

Area = length x width

width

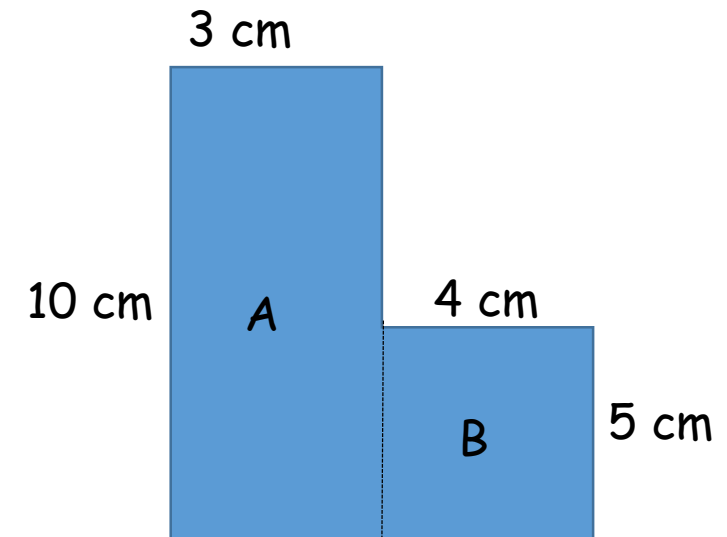length

LO- To be able to find the perimeter of a composite shape.

Find the area of this shape

1) Type your answer for A

2) Type your answer for B

3) Type your answer for A+B

3 cm

10 cm   A   4 cm

B   5 cm

A
$10 \times 3 = 30 cm^2$

B
$4 \times 5 = 20 cm^2$

$A + B = 30 + 20 = 50 cm^2$

Area = length x width

width

length

Regular
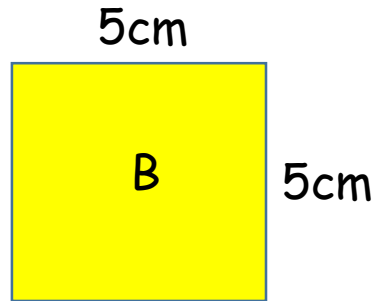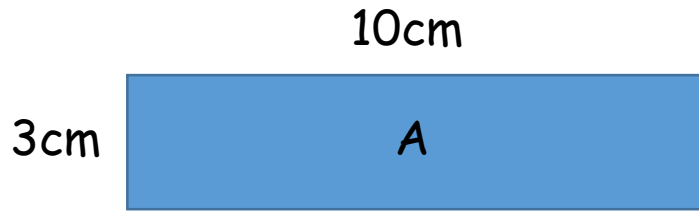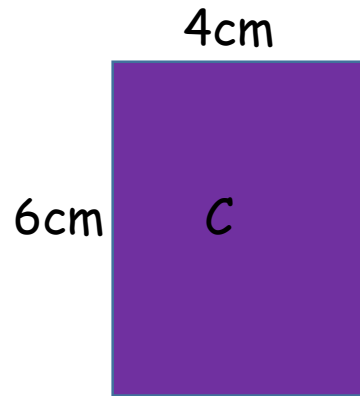
10cm

3cm

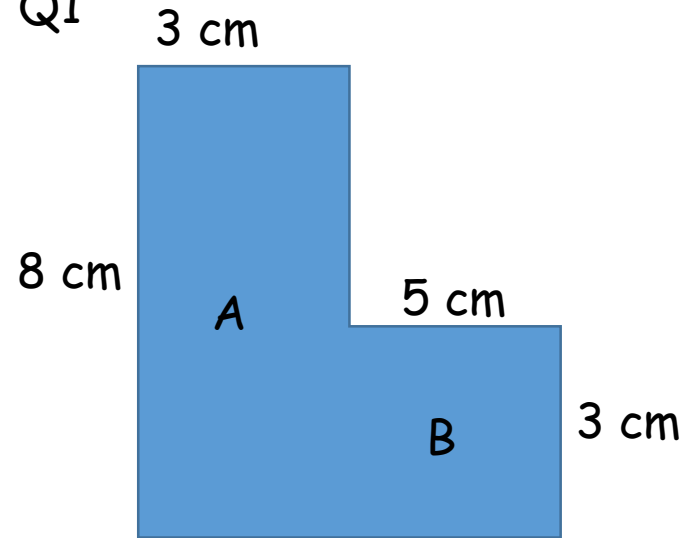A

5cm

B

5cm

4cm

6cm

C

A =   B =   C =

Challenge

Q1

3 cm

8 cm

A

5 cm

B

3 cm

A =

B =

A + B =

Q2

4 cm

10 cm

A

5 cm

B

6 cm

A =

B =

A + B =

Regular

10cm

3cm

A = 30 cm²

5cm

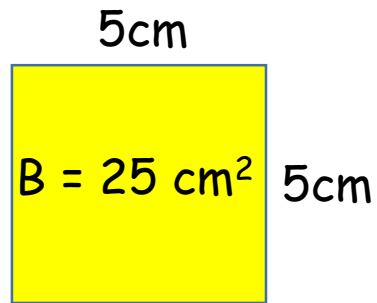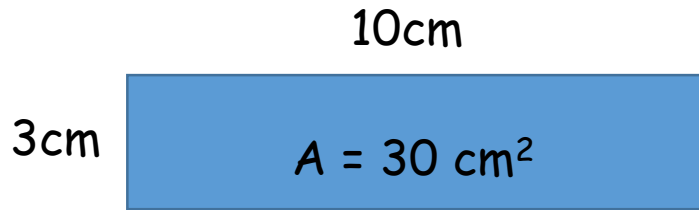**4cm**

B = 25 cm² **5cm**

6cm C = 24 cm²

A + B =

..... + ... = ...

Challenge

Q1 **3 cm**

A =

8 cm

A **5 cm**

B =

B **3 cm**

A + B =

Q2 **4 cm**

A =

10cm

A **5 cm**

B =

B **6 cm**

A + B =
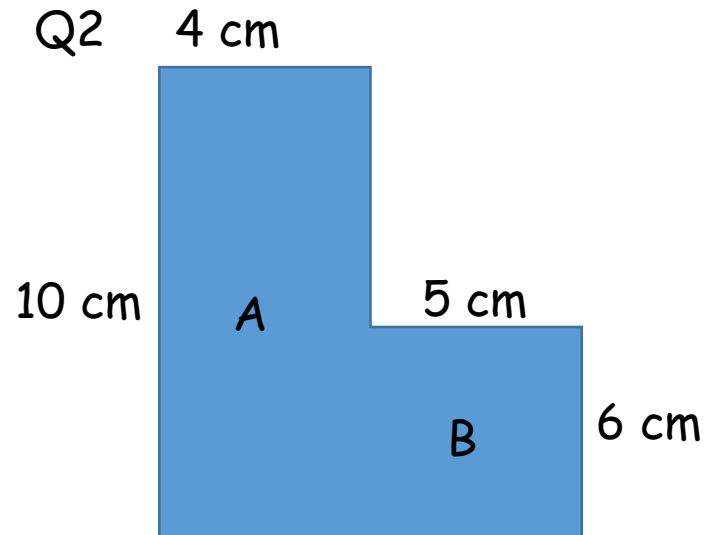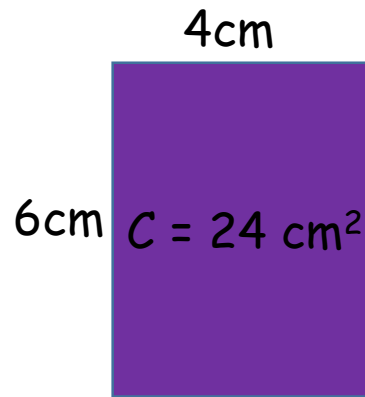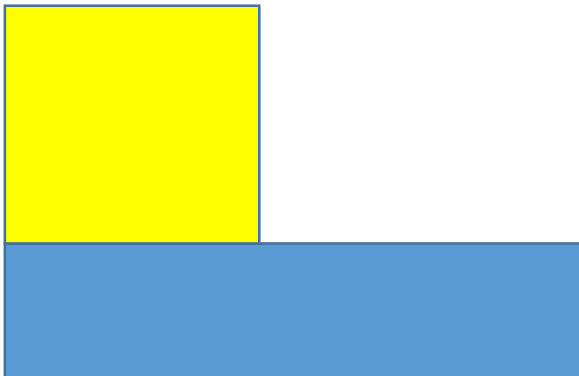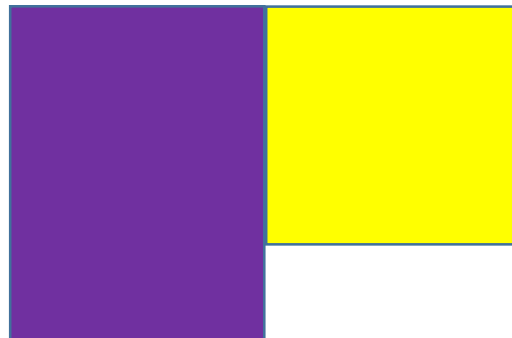
LO: To be able to find the area of rectangles.

WWW

EBI
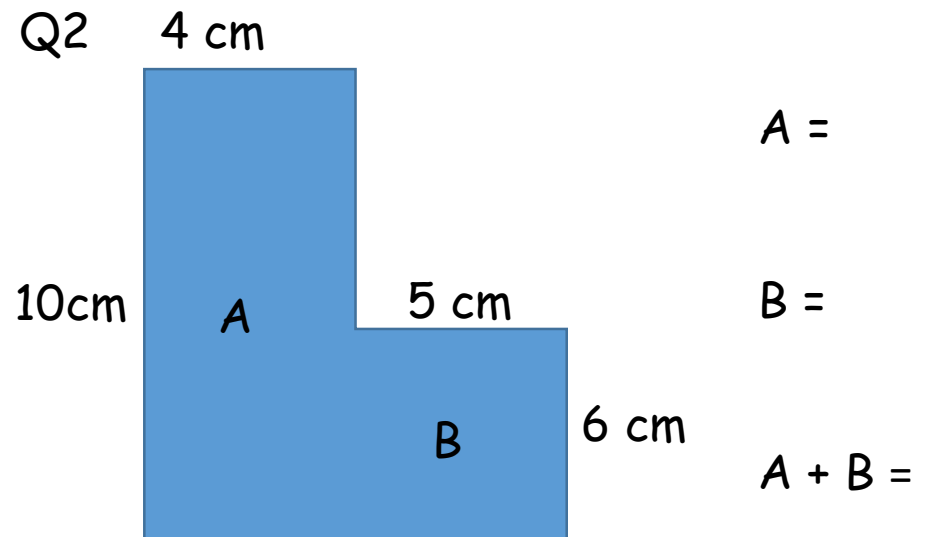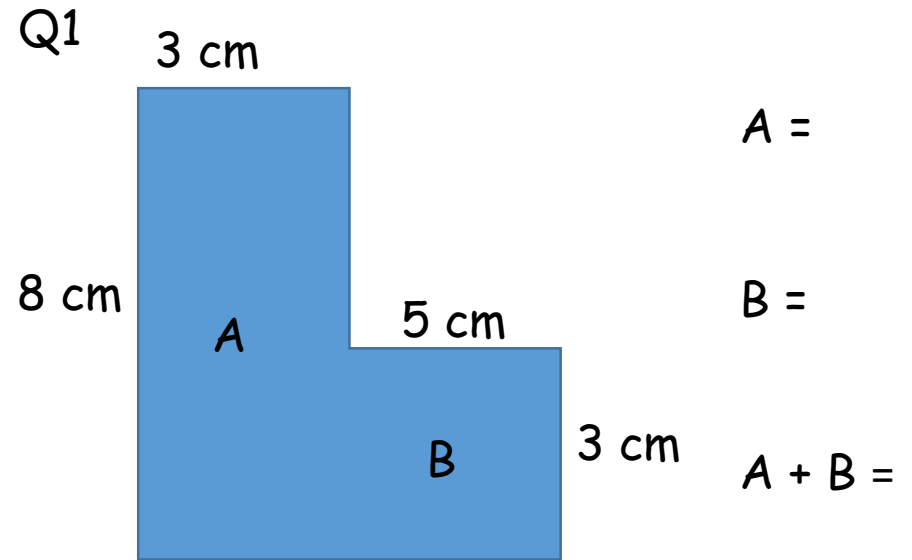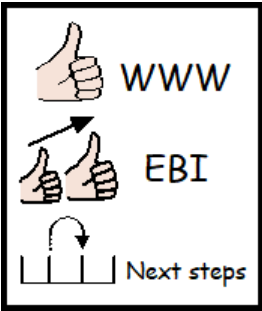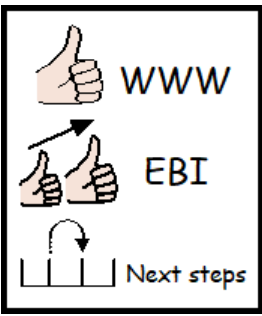
LO: To be able to find the area of rectangles.

Follow up work

1) Mymaths – Introducing Area – online homework task.

2) Area of rectangles worksheet.

3) Area of composite shapes worksheet.

For ALL worksheets you can either print out and write your answers on, or write your answers on paper.

Please take pictures of your work and email to jo.gould@grangepark.kent.sch.uk

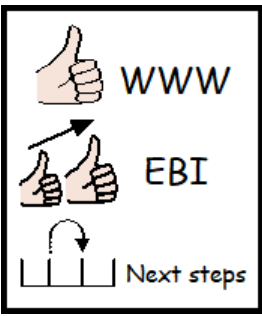| Blue Zone	Green Zone	Yellow Zone	Red Zone
Going slow	Good to go	Caution Starting to lose control	Stop! Out of control
E.g. sad, sick, tired, bored	E.g. happy, calm, focused, ok	E.g. worried, excited, annoyed	E.g. angry, terrified, elated

LO: To be able to find the area of rectangles.

Next week…

JM – Rhone, Kian & Callum

JG – Ewan, James, Emmanuel & Nathan