# Area

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

LO: To be able to find the area of a rectangle.

1) Zone

2) Shape Quiz

3) What is a rectilinear shape?

4) Numeracy workout – How to find the area.

3) Practice questions.

6) Follow up work.

| 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 |
| | | | |

# Name the 2D Shape

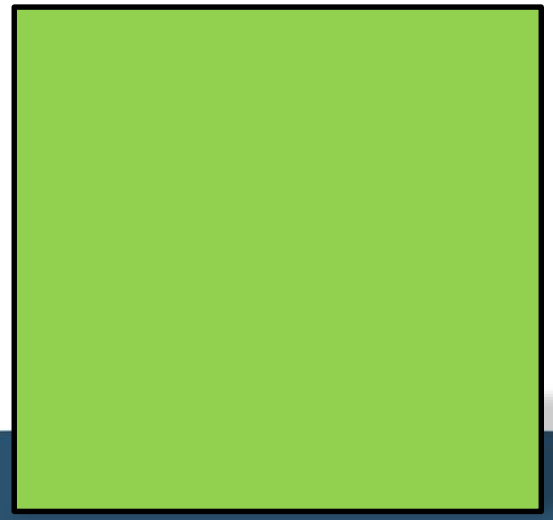
?

# Name this 2D Shape

A
trapezium

B
triangle

C
square

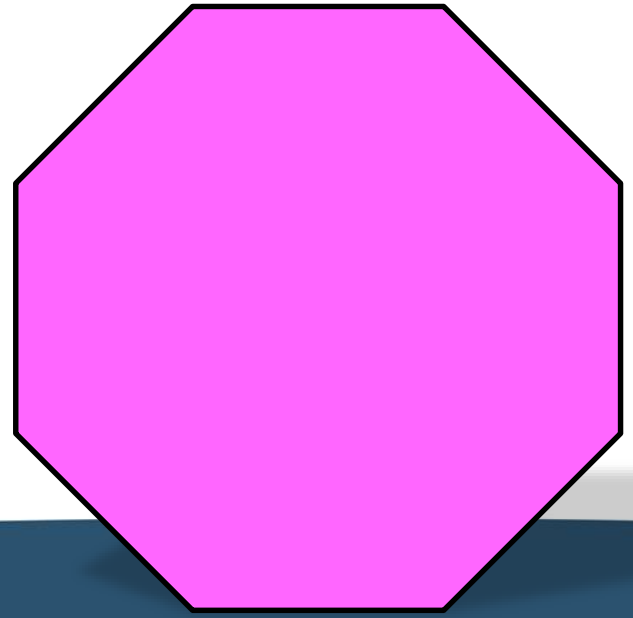


# Name this 2D Shape

A
rhombus

B
trapezium

C
octagon

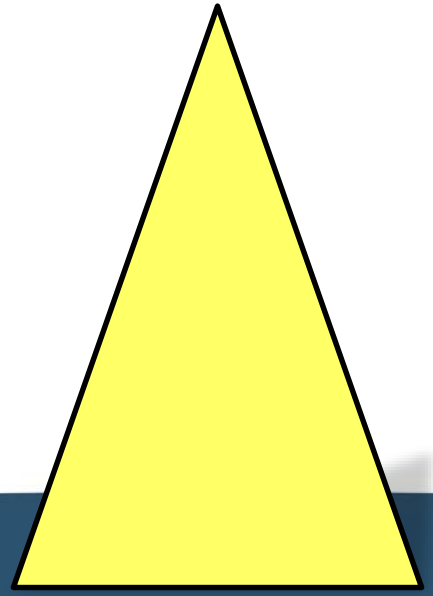


# Name this 2D Shape

A
scalene triangle

B
isosceles triangle

C
equilateral triangle

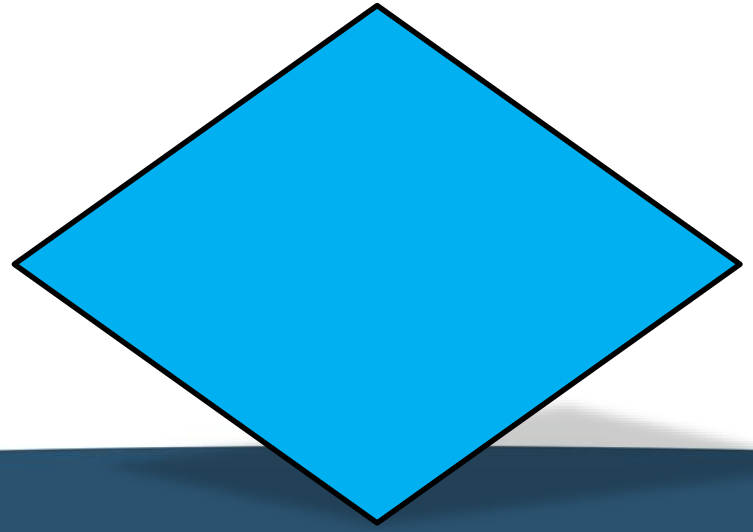


# Name this 2D Shape

A
rhombus

B
trapezium

C
decagon



# Name this 2D Shape

A
parallelogram

B
rhombus

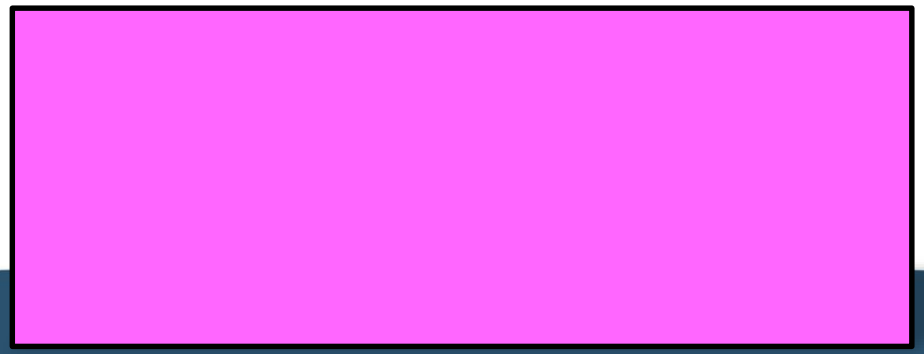
C
rectangle

# Name this 2D Shape

A
oval

B
irregular quadrilateral

C
rhombus

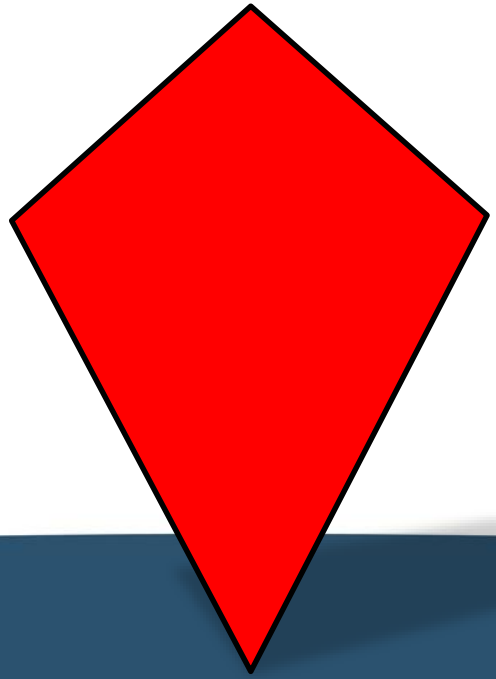


# Name this 2D Shape

A
rhombus

B
kite

C
diamond

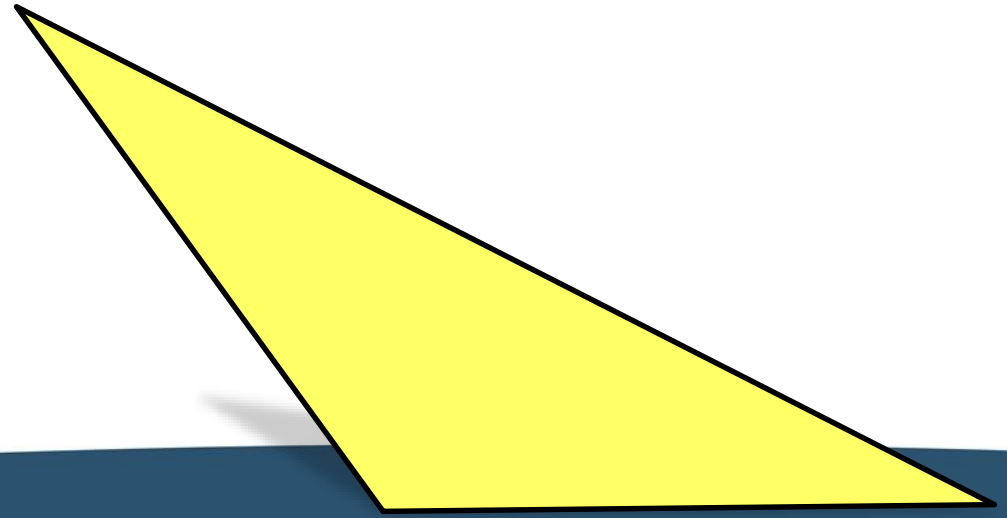


# Name this 2D Shape

A
scalene triangle

B
isosceles triangle

C
equilateral triangle

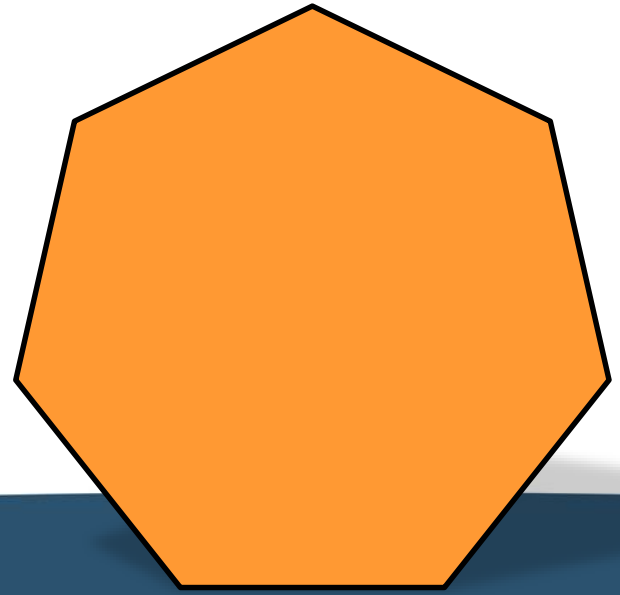


# Name this 2D Shape

A
trapezium

B
triangle

C
heptagon

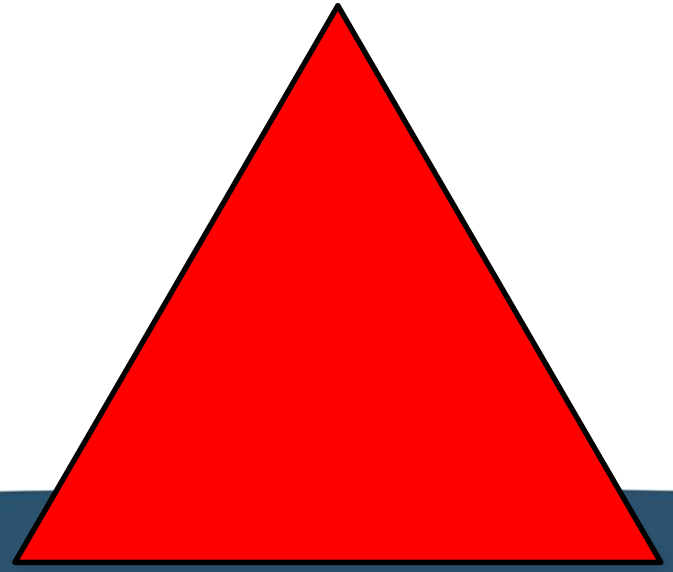


# Name this 2D Shape

A
equilateral triangle

B
parallelogram

C
scalene triangle

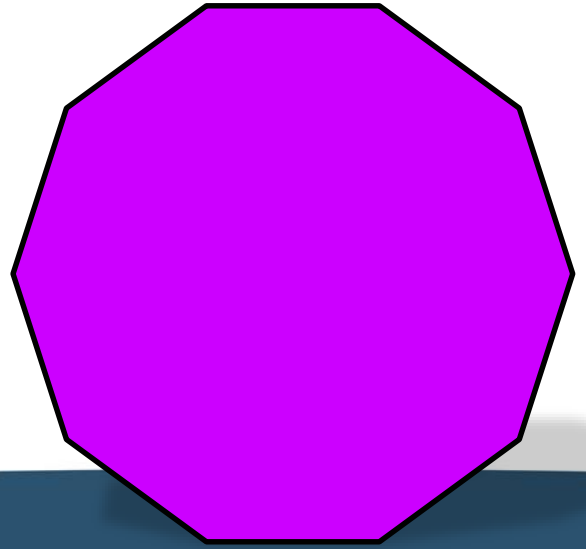


# Name this 2D Shape

A
pentagon

B
heptagon

C
decagon



# Name this 2D Shape

A
rectangle

B
rhombus

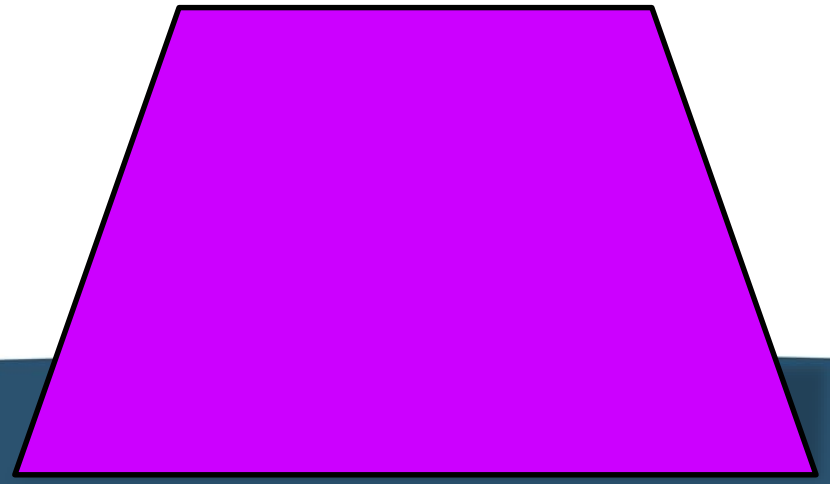
C
square

# Name this 2D Shape

A
rhombus

B
trapezium

C
hexagon

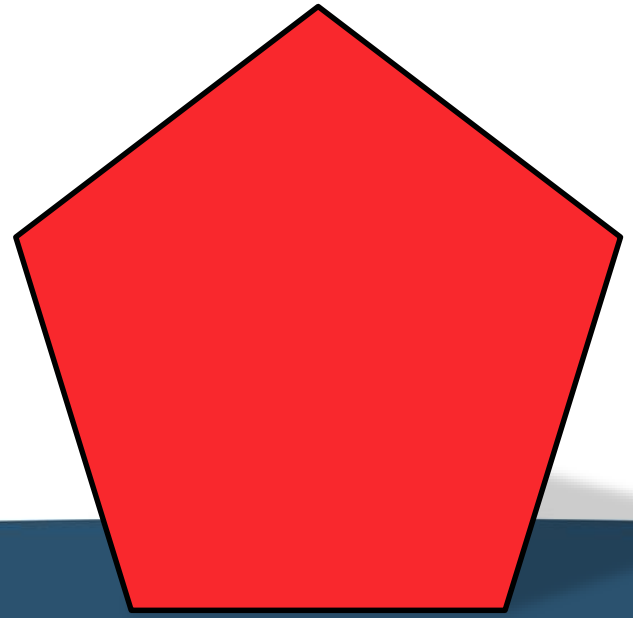


# Name this 2D Shape

A
decagon

B
pentagon

C
hexagon

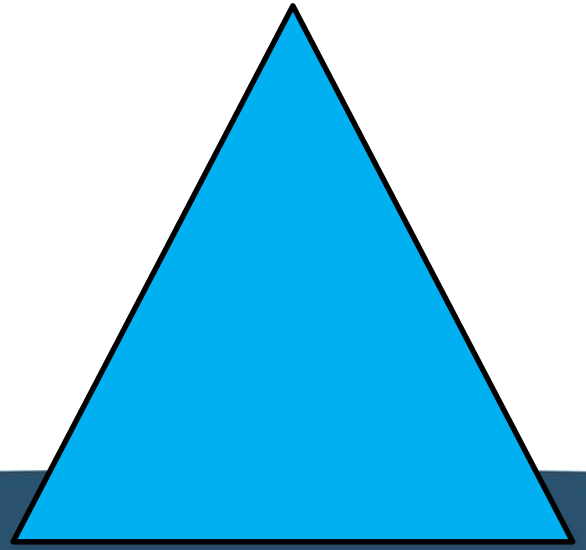


# Name this 2D Shape

A
triangle

B
heptagon

C
pentagon

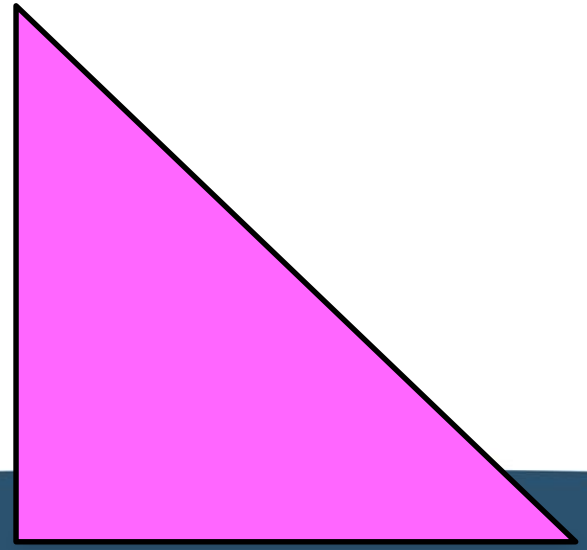


# Name this 2D Shape

A
right angled triangle

B
heptagon

C
decagon




Well done
for completing
the quiz!
twinkl.co.uk

Interactive whiteboard

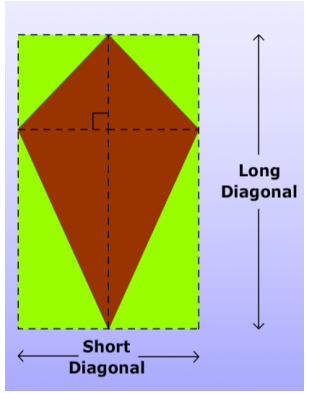
# LO: To be able to find the area of a rectilinear shape.

## What is a rectilinear shape?

### Kite

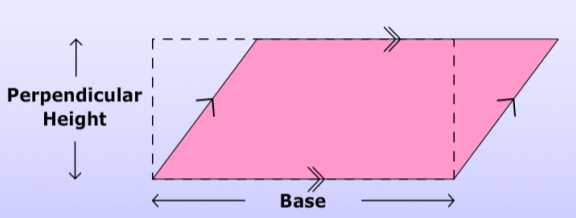
Area = $\frac{1}{2}$ product of the diagonals

Area = (Long x Short) ÷ 2



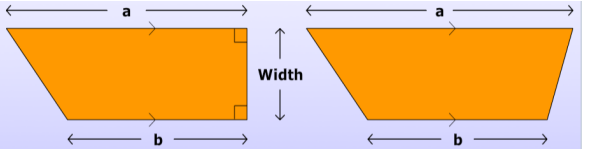

### Parallelogram

Area = Base x Perpendicular height




### Trapezium

Area = Width x $\frac{1}{2}$ (a+b)




A shape whose area is related to a rectangle.

Interactive whiteboard

LO: To be able to find the area of a Kite.

Maths workout – Area of a Kite

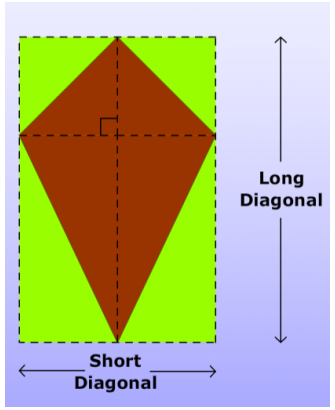
Target 5

LO: To be able to find the area of a kite.

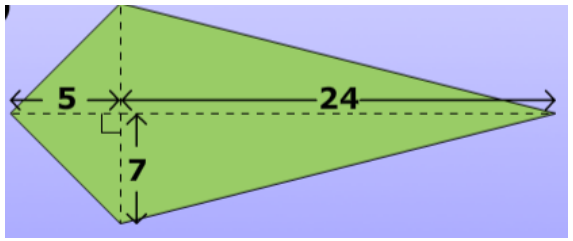
Use the Chat or annotation to answer the questions.

Area = $\frac{1}{2}$ product of the diagonals

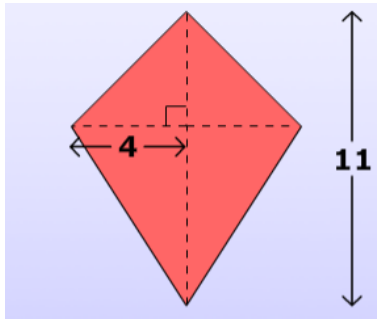
Area = (Long x Short) ÷ 2



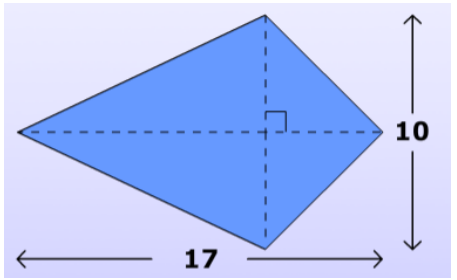

Challenge



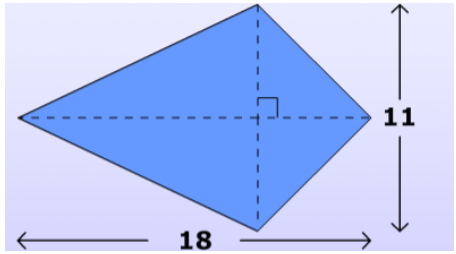

Callum



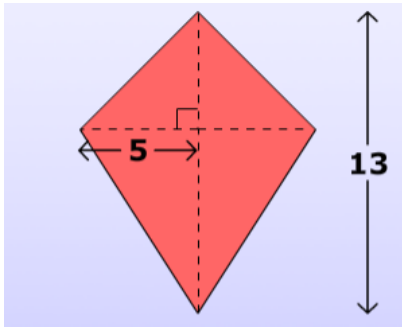

Grace




Rueben




Charlie



Interactive whiteboard

LO: To be able to find the area of a Kite.

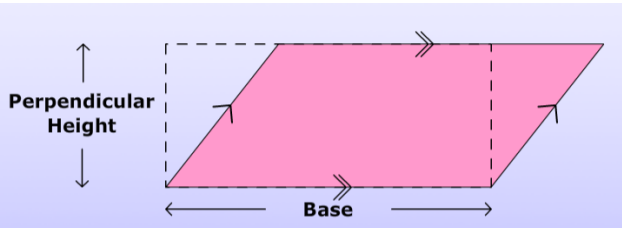
Maths workout – Area of a Parallelogram

Target 5

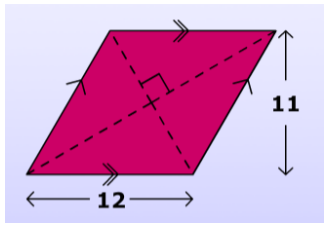
LO: To be able to find the area of a Parallelogram.

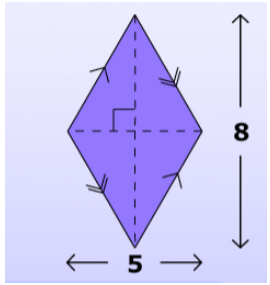
Use the Chat or annotation to answer the questions.

Area = Base x Perpendicular height

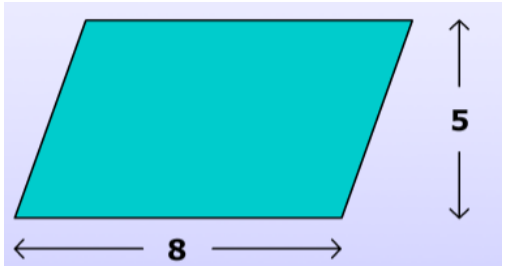



Challenge

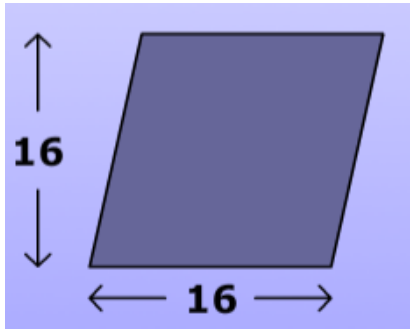


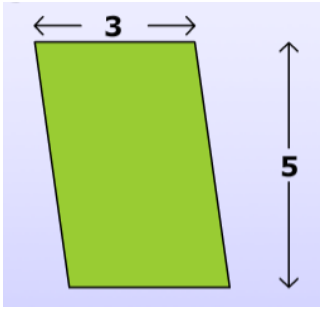

Callum



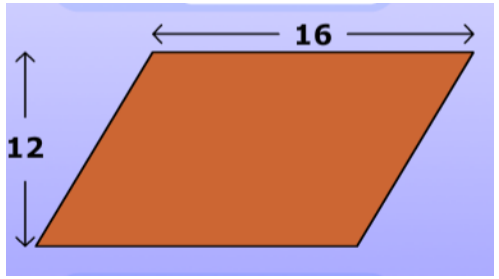

Grace




Rueben




Charlie



Interactive whiteboard

LO: To be able to find the area of a Trapezium.

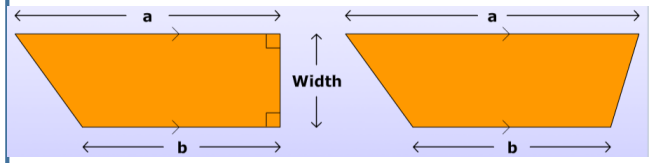
Maths workout – Area of a Trapezium

Target 5

LO: To be able to find the area of a Trapezium.

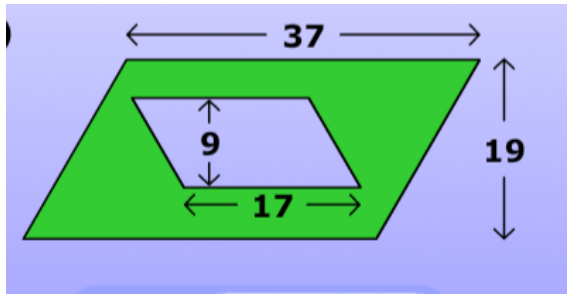
Use the Chat or annotation to answer the questions.

Area = Width x $\frac{1}{2}$ (a+b)

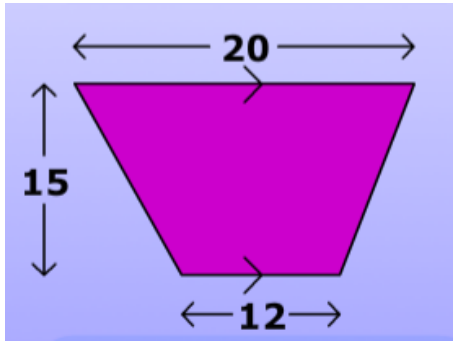



Area = a + b ÷ 2 x width

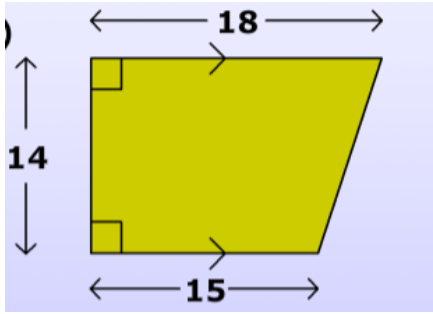
Challenge



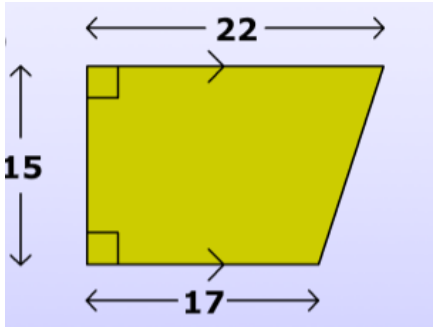

Callum



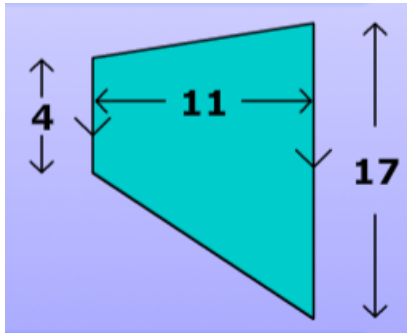

Grace

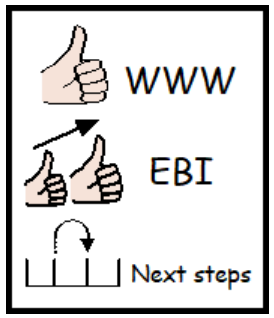



Rueben




Charlie



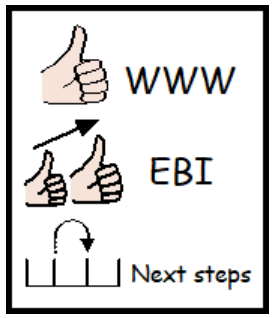



LO: To be able to find the area of rectangles.

WWW

EBI

| 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 triangles.

## Follow up work

1) Mymaths – Area of a triangle – online homework task.

2) Area of triangle worksheet.

3) Compound area 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