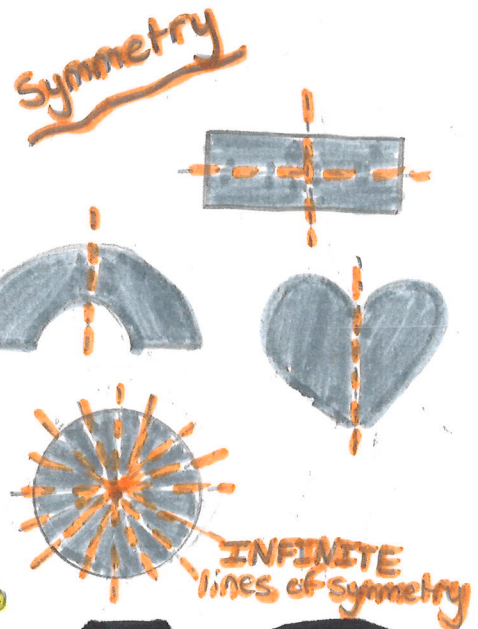


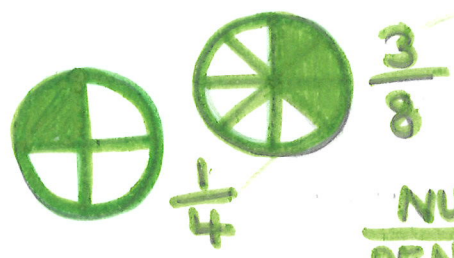
$$\begin{array}{r}
 248 \\
 548 \\
 \times 37 \\
 \hline
 336 \\
 1440 \\
 \hline
 1776
 \end{array}$$

- STEPS**
- 1) Put down 6 and carry the 5.
  - 2) Remember to add the 5
  - 3) Add the zero and repeat multiplication with the 3.
  - 4) Final step is to add.

- 50%    20%    35%    65%    100%    75%    25%    10%

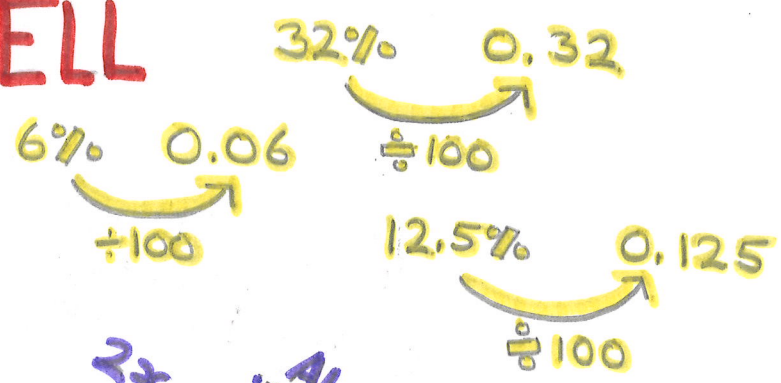


# MATHS



**MR BELL**

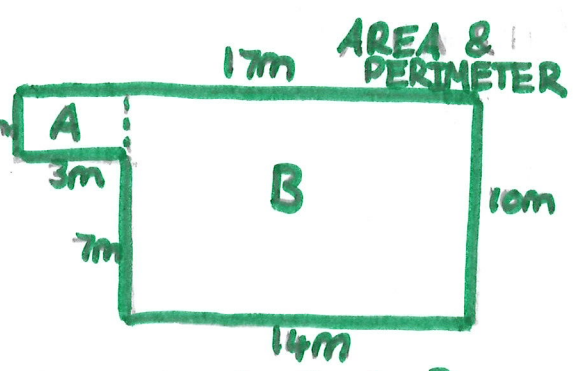
NUMERATOR  
DENOMINATOR



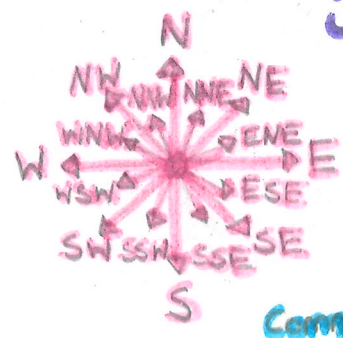
- |                       |                      |
|-----------------------|----------------------|
| $\frac{1}{2} = 0.5$   | $\frac{1}{4} = 0.25$ |
| $\frac{1}{8} = 0.125$ | $\frac{1}{10} = 0.1$ |
| $\frac{3}{4} = 0.75$  | $\frac{1}{5} = 0.2$  |

**Algebra - Simplifying**

$$2x + y + 4x + 2y - x + 3x = 4x + 2y + 2x = 6x + 2y$$

$$3a \times 2b \times c \times a = 6a^2bc$$


Area A =  $3 \times 3 = 9m^2$   
 Area B =  $14 \times 10 = 140m^2$   
 Total Area =  $149m^2$   
 Perimeter =  $17 + 10 + 14 + 7 + 3 + 3$   
 Perimeter =  $54m$

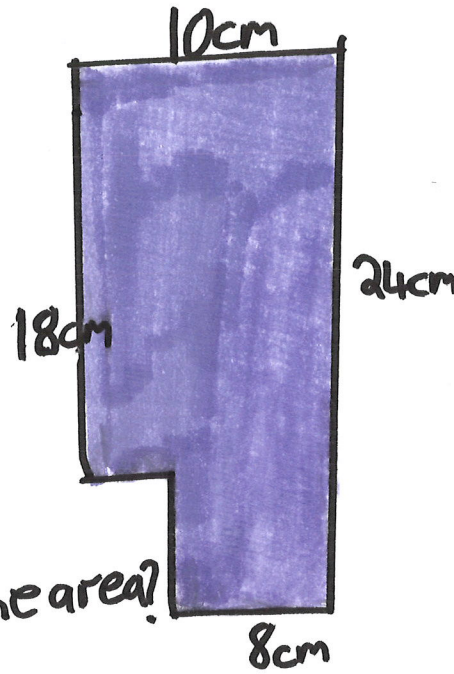


Golden Ratio is 1.618!

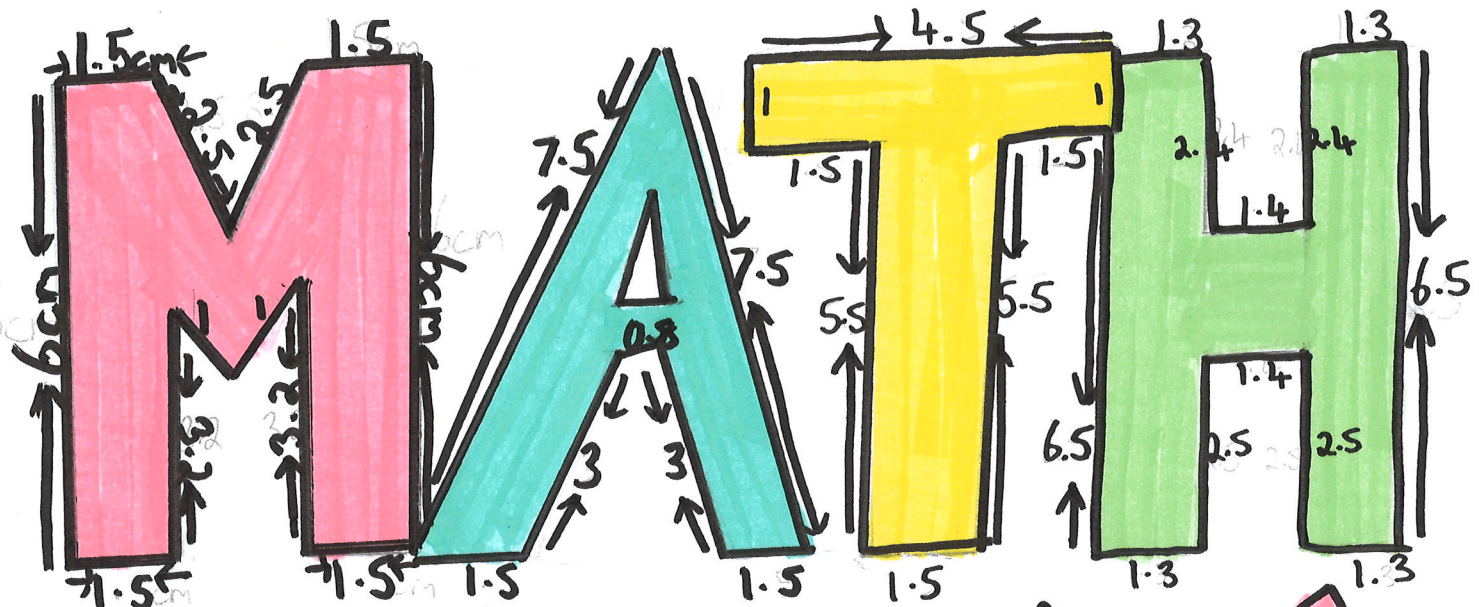
$\frac{1}{4} + \frac{1}{3}$   
 Common multiple for both denominators = 12  
 $\times 3 \left( \frac{1}{4} + \frac{1}{3} \right) \times 4$   
 $\frac{3}{12} + \frac{4}{12}$

Holly

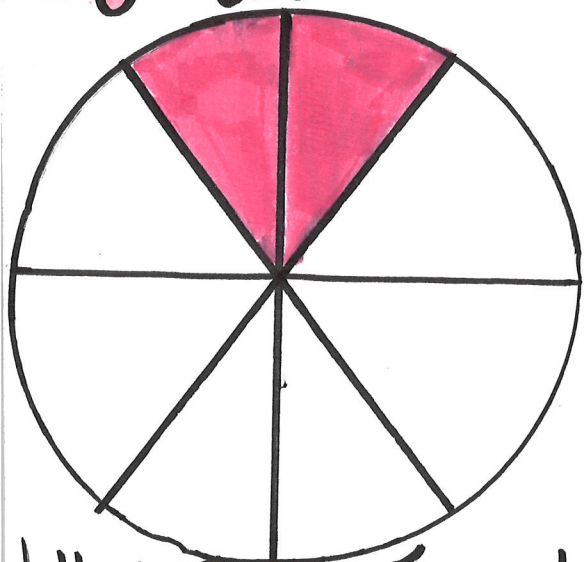
MISTAKES  
ALLOW  
THINKING TO  
HAPPEN



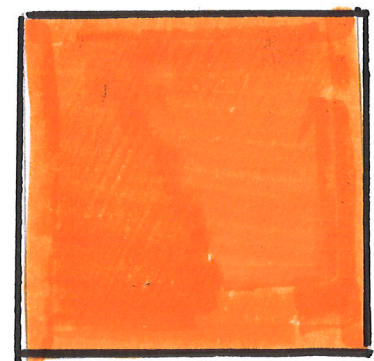
Whats the area?



Find the perimeter



What Fraction Is coloured?



How many lines of symmetry does this shape have?

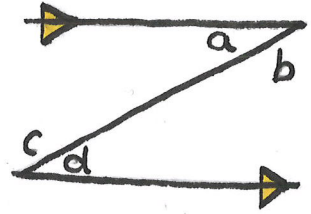
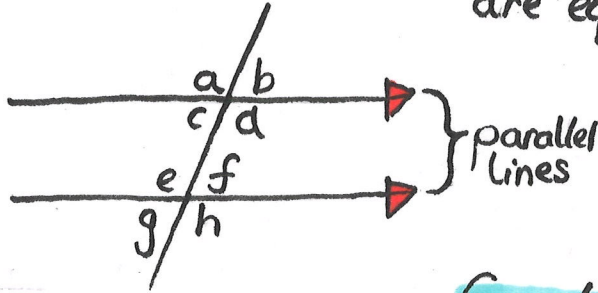
# Types of angle

## Z shape

alternate angles are equal

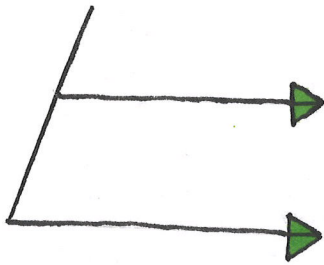
## Transversal

a line that crosses 2 parallel lines

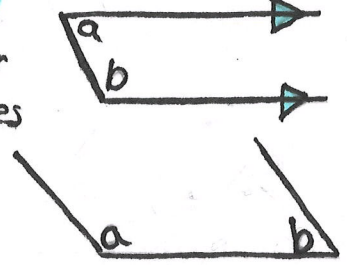


## F shape

Corresponding angles are the same



Cor U shape  
Interior, allied or co-interior angles add to  $180^\circ$



# MATHS!

## parallel lines and angles

## Key words

**Parallel** - lines that are the same distance apart that don't intersect.

**Alternate** angles - angles that form a "Z-shape".

**Corresponding angles** - angles that form an "F-shape".

**Interior angles** - angles that are inside a shape.

Lucy Brown 9c

