

## Year 5 – Maths Home Learning

### Summer Term 5

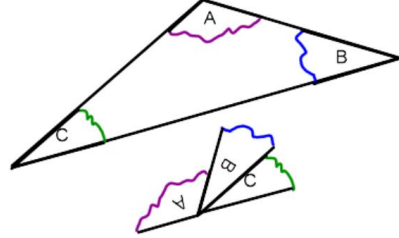


This term, please practise with your child:

- Know  $180^\circ$  in a triangle.
- Know  $360^\circ$  is a turn.
- Know  $180^\circ$  is  $1/2$  a turn
- Know the decimals for  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ ,  $\frac{1}{5}$  and  $\frac{1}{10}$  ( $\frac{1}{4} = 0.25$ ;  $\frac{1}{2} = 0.5$ ;  $\frac{3}{4} = 0.75$ ,  $\frac{1}{5} = 0.2$ ,  $\frac{1}{10} = 0.1$ )
- Know facts linked to metres/kilometres
  - $1000\text{m} = 1\text{km}$
  - $500\text{m} = \frac{1}{2}\text{ km}$
  - $250\text{m} = \frac{1}{4}\text{ km}$
  - $750\text{m} = \frac{3}{4}\text{ km}$

### Key Vocabulary

tenth	A fraction, one part of 10 equal parts.
hundredth	A fraction, one part of 100 equal parts.
metre (m)	Measurement of length
centimetre (cm)	Measurement of length. Smaller than a metre. ( $100\text{ cm} = 1\text{m}$ ) (the width of a grape is approximately 1 cm)
millimetre (mm)	Measurement of length. Smaller than a centimetre. ( $10\text{mm} = 1\text{cm}$ ) (a credit card is approximately 1mm)
kilometre	Measurement of length; often used for measuring distances. Longer than a kilometre. (a kilometre is as long as 10 football pitches)

## Angles

Know $180^\circ$ in a triangle.	
Know $360^\circ$ is a turn.	
Know $180^\circ$ is $1/2$ a turn	

### Top Tips!

*The secret to success is practising little and often. Can you practise these facts on your walk or drive to school?*

*Fact of the day - you don't need to learn there all at once.*

*'Free facts' – If you know that  $6 + 4 = 10$  then you know that  $60 + 40 = 100$ ;  $0.6 + 0.4 = 1$ ;  $20 - 4 = 16$ .*

## Times Tables

This term Year 5 will be revising 12x tables

$$\begin{aligned} 1 \times 12 &= 12 \\ 2 \times 12 &= 24 \\ 3 \times 12 &= 36 \\ 4 \times 12 &= 48 \\ 5 \times 12 &= 60 \\ 6 \times 12 &= 72 \\ 7 \times 12 &= 84 \\ 8 \times 12 &= 96 \\ 9 \times 12 &= 108 \\ 10 \times 12 &= 120 \\ 11 \times 12 &= 132 \\ 12 \times 12 &= 144 \end{aligned}$$

The school has subscribed to Times Tables Rock Stars (TTRS). TTRS is an online platforms to help your child practise times tables facts at home. TTRS be downloaded as app on your phone or tablet. Your child has a username and password. This is stuck in their reading record



## Maths Games to play at home!

### Beat the Clock!

- Shuffle 2 packs of 0 – 12 cards and choose the times table you are working on.
- Against the clock turn over a card and multiply it by your chosen times table, saying the answer to your partner.
- Players go through the pack as fast as they can, trying to beat previous times.



### Bingo!

- Both players draw a grid with 6 boxes.
- On pieces of paper write the fraction/ decimals you are focussing on (see box)
- Each player picks out a card (e.g.  $\frac{1}{4}$ )
- Players can cross out the equivalence (e.g. 0.25)
- First to cross out all 6 wins!

$\frac{1}{2}$	0.5	1
$\frac{3}{4}$	<del>0.25</del>	0.1

$$\begin{aligned} \frac{1}{4} &= 0.25 & \frac{1}{2} &= 0.5 \\ \frac{3}{4} &= 0.75 & \frac{1}{10} &= 0.1 \\ 1 &= 1 \end{aligned}$$

For more game ideas go to the school website for the 'Bare Necessities' game packs <https://stratford-sub-castle.wilts.sch.uk/maths-at-home/>