

Home Learning Year 3



Maths

Basic Skills

Warm your brain up with some mental maths. See how much you can complete in 5 minutes.

MENTAL MATHS SHEET 3:B1


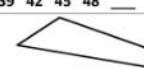


1)	Round 86 to the nearest 10.	
2)	Half of 26.	
3)	$30 - 7$	
4)	Double 34.	
5)	How much more to make £1? 	
6)	$10 + 11 + 12$	
7)	$400 + \underline{\quad} = 478$	
8)	What is 2 multiplied by 8?	
9)	50 subtract 46	
10)	How many lines of symmetry does a square have?	
11)	How many ounces? 	
12)	$5 \times 4 = 2 \times \underline{\quad}$	
13)	Subtract the number of sides in a triangle from the number of days in a week.	
14)	I have 8 FIVES. How much more do I need to make £1?	
15)	My journey to school takes 15 minutes. I arrive at 8:10. What time did I set off?	
16)	An apple costs 21p. How much do 3 apples cost?	



MENTAL MATHS SHEET 3:B2



1)	$62 - 11$	
2)	$4 + 8 + 11$	
3)	$700 + \underline{\quad} = 782$	
4)	What fraction is shaded? 	
5)	The time is 4:30pm. What will the time be in an hour and a half?	
6)	Write down the number seven hundred and sixty.	
7)	Subtract the number of days in a week from the number of months in a year.	
8)	What is the next number: 36 39 42 45 48 $\underline{\quad}$	
9)	How many lines of symmetry? 	
10)	Frazer has 4 TENS. Sally has 25p. How much more does Frazer have?	
11)	Write down the time quarter past 3 in digital time.	
12)	12 children get into teams of 3. How many teams?	
13)	4 cars need new tyres fitting. How many tyres?	
14)	Tyler is 1m 6cm tall. Joe is 10cm shorter. How tall is Joe?	
15)	How many 50s make 200?	
16)	Which is longest? 6 inches 6 mm 6 feet 6 cm	



Activity 1 – Estimating

Using different items to measure can help us with our estimating and counting skills.

Can you estimate how long your road/garden/pathway is?

You could guess in footsteps/ car lengths (pick a measurement which is appropriate for the length).

Could you estimate how long your road is in metres? You could draw a map of the roads surrounding you or your garden and estimate and measure certain parts of it.

Activity 2 – Measurement Baking

A great way of practising our measuring is to bake. Why not see if you can help a grown up to bake a cake or even measure out your cereal for your breakfast. You could even estimate how much you think food items will weigh. You could use the recipe below from White Rose Maths to create pancakes. Don't forget to add toppings – could you measure these out?

Bake it! #MathsEveryoneCanAtHome

Pancakes are fun to make and can easily be made into different shapes!

Use our pancake recipe (or your own) to make a pancake batter. Put the batter into a squeeze bottle to help you draw different shaped pancakes into the pan. What shapes can you make? Can you make pancake numbers?

Which shapes are the easiest to make? Which are the hardest?

Don't forget to share your photos!



White Rose Maths

Bake it! #MathsEveryoneCanAtHome

Here's a recipe for 6 pancakes.

100 g plain flour 300 ml milk
2 large eggs 1 tbsp sunflower or vegetable oil



Method

1. Put all the ingredients into a bowl and whisk until they become a smooth batter. Rest the batter for 30 minutes.
2. Use a frying or crepe pan over a medium heat. Wipe it with oiled kitchen paper carefully.
3. Cook the pancakes for 1 minute on each side until they are golden.
4. Serve with your favourite fillings e.g. golden syrup, sugar and lemon, strawberries, bananas or chocolate.

White Rose Maths

Activity 3 – Shape

See if you can add in the 3D shape properties. Can you remember the meaning of faces/ edges and vertices?

Remember

A **face** is a flat surface. An **edge** is where two **faces** meet. A **vertex** is a corner where **edges** meet. The plural is **vertices**.

Print or copy out the table below. You could even go on a hunt for these 3D shapes around your house as they may appear as 'everyday objects'. You could also make shape posters with their properties.




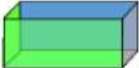




Name _____

Date _____

3D SHAPE PROPERTIES SHEET 5



Fill in the name, and number of faces, edges and vertices for each shape.

Name: Faces: Edges: Vertices:		Name: Faces: Edges: Vertices:	
Name: Faces: Edges: Vertices:		Name: Faces: Edges: Vertices:	
Name: Faces: Edges: Vertices:		Name: Faces: Edges: Vertices:	
Name: Faces: Edges: Vertices:		Name: Faces: Edges: Vertices:	



cylinder square pyramid
cube sphere

triangular pyramid
triangular prism

cuboid
cone



Activity 4



Remember to continue to use Times Tables Rock Stars to continue to develop your mental times tables.

Activity 5

Could you or a family member create a weekly quiz for you or your whole family? Include questions involving addition and subtraction of up to 3 digits and 100 more/ 100 less than a given number.

