



## Year 3 Maths Tasks – Wednesday 24<sup>th</sup> June 2020

**Parents and Children:** Hello everyone, today we will move on from place value and put that learning to use in our recapping of partitioning. Partitioning forms the basis of our preparation for learning formal written methods of addition and subtraction. These formal methods will be taught in year 4 rather than the planned year 3 summer term. This is because it is far better for this to be taught in the classroom rather than remotely. Rest assured, this is all part of the planning to ensure any gaps are addressed next year.

### **NOTE TO PARENTS**

I know it is tempting to show your children the way we were taught to formally set out addition and subtraction but can I request you resist the temptation and let the year 4 teacher take them through the process which is all based on partitioning etc....

This is no reflection on you or your child's abilities but there is a systematic learning process to ensure no misconceptions exist that might come back to bite the children later in their schooling.

All that said, if you have already begun explaining this to your child, that is fine. They will go through the learning process again next year.

So, let's start by practising some rapid recall of addition and subtraction before we move to partitioning.

**A** Subtract 9 from the following numbers:

15; 23; 34; 67; 26; 92; 82; 77

Now add 9 to these numbers:

15; 23; 34; 67; 26; 92; 82; 77

**B** Subtract 9 from the following numbers:

128; 158; 281; 267; 301; 305; 428; 601

Add 9 to the following numbers:

128; 158; 281; 267; 301; 305; 428; 601

**C** Subtract 100 from the following numbers:

428; 178; 287; 667; 501; 395; 628; 671

Add 100 to the same set of numbers:

**D** Copy out the following calculations and write in the answer for each one.

682 – 200; 527 – 300; 491 – 100; 389 – 200; 720 – 400;

379 – 100; 459 – 300; 710 – 400; 500 – 200; 789 – 300

**E** Get an adult to time how long it takes you to answer the following questions. Do column A first before moving on to column B.

Try to complete both columns within **90 seconds in total**.

**Column A**

$7 + 6 =$

$9 - 3 =$

$23 + 6 =$

$56 + 9 =$

$67 - 5 =$

$45 - 9 =$

$129 + 6 =$

$345 - 9 =$

**Column B**

$345 + 40 =$

$492 + 30 =$

$569 - 50 =$

$348 - 90 =$

$363 + 200 =$

$875 + 300 =$

$560 - 200 =$

$789 - 300 =$

**F**

The two opposite sides of a dice always add up to 7. If the top numbers of 3 dice are 4, 2 and 5, how much will the bottom numbers add up to?

**G** Write the 4 number facts that are shown in this bar model.

476	
300	176

a	+		=	
b	+		=	
c	-		=	
d	-		=	

**H** Now show how to use partitioning to calculate the number sentences above. Use your place value knowledge to partition accurately. The first is done for you as an example.

a  $300 + 176 = 476$

H	T	O		
300				
+100	70	6		
400 +	70 +	6	=	476