## **YOUR WORK FOR 1.4.2020 -8.4.2020**

REMEMBER you need to send all tasks as <u>one document</u> at the end of the week to your Maths Teacher. Always write the date on each piece of work.

You should be spending between 45-60 minutes per day on Maths.

Focus	multiplication						
	Tasks						
Day 1	Mark how you did last week on your arithmetic test 4, mental calculations and co-ordinates from last week.						
Wednesday	Make sure you have done corrections on Method Maths 2018 P2 P3 and any of the statistics section not yet completed. You must						
	let your Maths teacher know when method Maths is complete so they can unlock the answers for you.						
Day 2	Multiplying decimal numbers						
Thursday	Miss Crofton's group 1a-j (challenge-2a-j) Miss McAnally/Miss Barry-p58						
Day 3	Using multiplication-						
Friday	Miss Crofton's group Q1-5 Miss McAnally's group Q1-9 Miss Barry's group- Q1-10						
	CHALLENGE- MASTERY CHECKPOINT						
Day 4	Arithmetic Spring test 5						
Monday							
Day 5	Method Maths CO7 - multiply and divide using written methods						
Tuesday							

Continue to use your study guides and BBC bitesize to help you if you need it.

Check how you did last week on your arithmetic test 4, mental calculations and co-ordinates from last week.

Make sure you have done corrections on Method Maths 2018 P2 P3 and any of the statistics section not yet completed.

You must let your Maths teacher know when method Maths is complete so they can unlock the answers for you and you can do corrections.

REMEMBER TO SAVE WORK FOR THE WHOLE WEEK AS ONE DOCUMENT WHICH YOU CAN SEND TO YOUR MATHS TEACHER BY 3PM WED 8<sup>TH</sup> APRIL

Please make sure you date each piece of work and give it a title/LO

#### **Miss Crofton**

Multiply one-digit numbers with up to two decimal places by whole numbers

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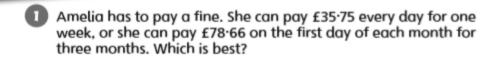
Now try these.

#### Miss McAnally/ Miss Barry

Multiply one-digit numbers with up to two decimal places by whole numbers in context It costs £2.70 to go swimming. How much would it cost 5 people to go? Paving slabs measure 1.15 m. Seven are laid end to end. What is the total length of paving? crisps - 37p per packet books - £2.25 each chews - 7p each How much would 12 of each item cost? Give your answer in £. crisps books chews Tickets for the show cost £3.62 for adults and £1.15 for children. What is the total cost for 7 adults and 37 children? The average daily rainfall in January was 3-65 cm. How much did it rain in January altogether? Give your answer in centimetres and in metres (rounded to 3 decimal places).

## **Miss Crofton**

# **Using multiplication**



2 Estimate which of these has an answer nearest to 10 000.

Work out each one.



## Miss McAnally/ Miss Barry

### **Using multiplication**

Amelia has to pay a fine. She can pay £35.75 every day for one week, or she can pay £78.66 on the first day of each month for three months. Which is best?

2 Estimate which of these has an answer nearest to 10 000.

Work out each one.



#### Fighting like cats and dogs

Tom, Dick, Harry and their families are fighting over a Grand Prize of £9888! Tom has 3 people in his family. Dick has 4 people in his family. Harry has 6 people in his family.

Work out how much each member of the family gets if each of the men has won.

- 6 Tom's family Dick's family 8 Harry's family
- Instead of fighting, Tom, Dick and Harry agree to share it between all the people in their families. How much does each person get?

## Multiplication digit challenge!

Arrange the digits 2, 4, 6, 8 and 5 in a multiplication like this:

×

Try to get the largest answer possible and prove that it is the largest.

#### • abacus Mastery Checkpoint

### Have you mastered solving long multiplication problems?

- a) Maths textbooks cost £8.55 each. If the teacher needs to order 28 copies do you think that this will cost more or less than £300? Explain your thinking.
- b) Now set out and solve the problem to find exactly how much the textbooks will cost.
- c) The length of a field is 62·37 m. 42 children run from one end to the other. Do you think that altogether they have run more than 3000 m? Explain your thinking.
- d) Now set out and solve this problem to find out exactly how far they have run.



# Champions' Challenge

\_\_\_\_\_ × \_\_\_ =

Insert the digits 0, 3, 4, 6, 8 and 9 in the number sentence so that the product is between 5000 and 6000.

# **Arithmetic test- Spring 5**

# 7.4.2020

Method Maths – C07