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 Wednesday	Mark 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.
Day 2 Thursday	Multiplying decimal numbers Miss Crofton's group 1a-j (challenge- 2a-j) Miss McAnally/ Miss Barry- p58
Day 3 Friday	Using multiplication- Miss Crofton's group Q1-5 Miss McAnally's group Q1-9 Miss Barry's group- Q1-10 CHALLENGE- MASTERY CHECKPOINT
Day 4 Monday	Arithmetic Spring test 5
Day 5 Tuesday	Method Maths C07 - multiply and divide using written methods

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

1.4.2020

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 8TH APRIL

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

2.4.2020

Miss Crofton

Miss McAnally/ Miss Barry

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

1 Solve the following.

a) $0.4 \times 2 = \boxed{}$

f) $6.98 \times 7 = \boxed{}$

b) $2.3 \times 3 = \boxed{}$

g) $7.39 \times 9 = \boxed{}$

c) $2.1 \times 5 = \boxed{}$

h) $6.27 \times 7 = \boxed{}$

d) $0.32 \times 3 = \boxed{}$

i) $9.38 \times 8 = \boxed{}$

e) $1.04 \times 4 = \boxed{}$

j) $8.49 \times 6 = \boxed{}$

2 Now try these.

a) $0.3 \times 12 = \boxed{}$

f) $2.32 \times 37 = \boxed{}$

b) $0.4 \times 21 = \boxed{}$

g) $6.98 \times 41 = \boxed{}$

c) $6.3 \times 13 = \boxed{}$

h) $7.34 \times 53 = \boxed{}$

d) $7.1 \times 19 = \boxed{}$

i) $6.84 \times 74 = \boxed{}$

e) $9.42 \times 15 = \boxed{}$

j) $9.07 \times 57 = \boxed{}$

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

1 It costs **£2.70** to go swimming. How much would it cost **5** people to go?

£ $\boxed{}$

2 Paving slabs measure **1.15 m**. Seven are laid end to end. What is the total length of paving?

$\boxed{}$ m

3

| crisps – **37p** per packet | books – **£2.25** each | chews – **7p** each |

How much would **12** of each item cost? Give your answer in £.

crisps £ $\boxed{}$ books £ $\boxed{}$ chews £ $\boxed{}$

4 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?

£ $\boxed{}$

5 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).

$\boxed{}$ cm   or $\boxed{}$ m

3.4.2020
Miss Crofton

Using multiplication

1. 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.

2376×5 1854×6 1228×8

Work out each one.

3.

4.

5.

3.4.2020

Miss McAnally/ Miss Barry

Using multiplication

1. 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.

| 2376 × 5 | 1854 × 6 | 1228 × 8 |

Work out each one.

3.

4.

5.

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

7. Dick's family

8. Harry's family

9. 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!

10. 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.

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

$$\boxed{}\boxed{} \cdot \boxed{}\boxed{} \times \boxed{}\boxed{} =$$

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

6.4.2020

Arithmetic test- Spring 5

7.4.2020

Method Maths – C07