Thursday 3rd April
Maths Intervention

Question	
1. What number is 10 less than 9,002?	
2. What's missing in this sequence? ____, 26, 39, 52, ____	
3. Jack chose a number, multiplied it by 10, then added 7. His answer was 117. What did he start with?	
4. Write 25% as a decimal.	
5. Write the missing number: _____ × 100 = 57.1	
6. Rice costs 24p for 100g. How much would 250g cost?	
7. Complete this with the correct inequality: 0.5 + 0.1 _____ 7/10	
8. Round 83,657 to the nearest 1000.	
9. Write a 2-digit cube number.	
10. Write the missing number: 3 × ____ = 10 × 2 + 7	

10 min SATS Buster

on whiteboards

Think of a definition of the word 'desert'. How would you spell the other homophone? Define it.

Think of a definition of the word 'aisle'. How would you spell the other homophone? Define it.

What is a draught?

Thursday 3rd April
TBAT: understand and use near homophones.

Profit   'money that is made by selling'
Prophet   'someone who foretells the future'
Stationery   'not moving'
Stationary   'paper/pencils etc'
Steel   'take something that is not yours'
Steal   'metal'
Wary   'cautious'
Weary   'tired'
Who's   'contraction of who is'
Whose   'belonging to someone'

Think of two synonyms: one for 'tired' and one for 'cautious'. The word must not be on the board.

Times Tables

6 x 7 =

60 x 7 =

6 x 70 =

2 x 3 x 7 =

20 x 3 x 70 =

60 x 70 =

Daily 10 - Mental Maths Challenge - Topmarks

3 in 3

1. 234 x 4.5 =

2. 8/15 - 2/5 =

3. 6y + 2 = 20

   y =

Challenge – How many different combinations can you think of?

2x + y = 30

TBAT: revise the order of operations for calculations including algebra.

Partner discussion -

Do you need to work out multiplication or division first?

Do you need to work out addition or subtraction first?

Use the order of operations to solve this calculation.

Challenge -

Insert a pair of brackets to make the statement true.

$120 - 48 \div 8 = 114$

1. $(12 + 8) \div 4 =$

2. $(8 + 9) + 6^2 =$

3. $18 \div (4 + 5) =$

Challenge -

Insert a pair of brackets to make the statement true.

$120 - 48 \div 8 = 114$

Partner discussion – Solve these calculations.

1. $(y - 3) + 4 = 10$

2. $z - 7 = 3 \times 2$

3. $3(b + 4) - 5 = 16$

4. $(c + 6) \div 3 = 5$

03.04.25
TBAT: revise the order of operations for calculations including algebra.

Is Joseph's statement true or false? Explain your answer.

A $8 \times (8 - 6) = 16$

C $16 + 9 \div (3 \times 3) = 17$

B $7^2 - 5 \times 5 = 24$

D $84 \div (12 - 5) = 2$

Two of the calculations are incorrect.

Joseph

Challenge - Amrit is completing this calculation.

$24 + 18 \div 6 = 7$

Amrit

Do you agree with Amrit's answer? Prove it!

TBAT: revise the order of operations for calculations including algebra.

1. $(4 + 2) \times 3 =$

2. $(14 + y) \div 2 = 9$

3. $a - 8 \div 2 = 6$

4. $4 + 2 \times 3 =$

5. $14 + 4 \div 2 =$

6. $(12 - 8) \div b = 2$

Challenge

Add one pair of missing brackets to each calculation to make it correct.

a) $6 + 12 \times 8 = 144$

b) $81 \div 6 - 3 = 27$

c) $3^2 + 2 \times 3 = 15$
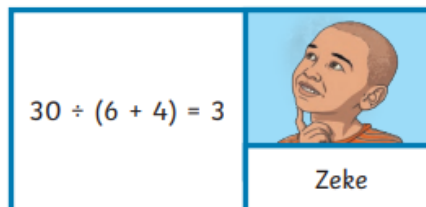
d) $36 - 14 + 9 = 13$

Mastery Challenge -

a) Elena and Zeke are solving this word problem. Whose calculation is correct? Explain why.

A class of 30 children are going on a school trip. The teacher is organising the children into small groups. She decides that each group will be made up of six year 5 children and four year 6 children.

$30 \div 6 + 4 = 9$

Elena

$30 \div (6 + 4) = 3$

Zeke

b) How many groups of children will there be?

Mastery with Greater Depth -

Use the digit cards and symbols to make a calculation, using two operations and one pair of brackets, that has an answer between 2 and 5. Find five possibilities.

| 3 | 4 | 5 |

| + | − | × | ÷ |

| (|) |

Reasoning -

Jia has 4 party bags. Each bag has 6 chocolates in it. She adds 2 toffees to each bag.

Which calculation shows how many sweets there are in total?

$4 \times 6 + 2$ $4 \times (6 + 2)$

Thursday 3rd April
TBAT: use a range of reading strategies.

Which of these sentences shows the correct agreement between **subject** and **verb**? Tick **one**.

At rugby training, everyone work hard. ☐

At rugby training, the players work hard. ☐

At rugby training, the players works hard. ☐

At rugby training, the player work hard. ☐

Rewrite this sentence in the **passive voice**.

The rugby players entered the stadium.

_____

The **prefix words** underlined in these sentences are incorrect.
Rewrite the words with the correct prefix words in the spaces provided.

Susan felt **unheartened** after her team was **inable** to win.

⬆ ⬆
☐ ☐

In the original sentence, list the subject and object for number 2.

CGP 'Fiction'

'An underground city'

1. 171 ÷ 3 =

2. 875 ÷ 15 =

3. 3276 ÷ 17 =

4. 9704 ÷ 18 =

5. How many boxes of chocolates costing £3.20 could you buy from £20?

6. Paul has £10 to buy rulers at 60p each. What change should he get if he buys as many as possible?

7. 220 fans travel to a rugby match in minibuses. Each minibus holds 18 fans. How many minibuses are needed?

Mr Green buys a bicycle that costs £400.
He pays a £50 deposit and pays the rest in 7 monthly payments.

Work out the cost of each monthly payment.

Poppy has £7.04 credit on her mobile phone.
It costs 8p to send a text message.

How many text messages can Poppy send?

1. One third of the sweets in a box are mints. The rest are chocolates. What is the ratio of mints to chocolates in the box?

2. There are 5 girls for every 6 boys at a swimming pool. If there are 18 boys, how many girls are there?

3. In a pack of balloons, there are 3 different colours: red, blue and green. The ratio is 5:2:1 (red: blue: green). If there are 8 green balloons in the pack, how many balloons are there in total?

4. A piece of wood 3.6m long is cut into 3 pieces in the ratio 2:3:4. Find the length of each piece.

Question 1

Ronaldo is making his own ice cream.

To make his ice cream he needs:

> 400 ml cream
> 500 ml milk
> 4 egg yolks
> 120 g chocolate
> 100 g sugar

Ronaldo has only 300 ml of cream to make the ice cream.

How much of each ingredient should he use?

Help Jannah make two pies using her mother's recipe.

> Makes 80 pumpkin pies
>
> 10 dozen eggs
> 27 litres of condensed milk
> 480 tablespoons of sugar
> 100 teaspoons of cinnamon
> 140 cups of pumpkin

Question 3

Tasnia has a recipe for buttercream icing.

To ice six cakes, she needs:
285 g butter
570 g icing sugar
3 tablespoons of milk

For a party, Tasnia has to ice ten cakes.

What quantity of each ingredient will she need?

This is Novie's recipe for breakfast:

50 g of oats
30 g of raisins
40 g of nuts

If she uses 125 g of oats, what other quantities does she need?