

Maths Daily Tasks – Revision Activities

18.05.20 – Multiplication

Starter:

Circle the numbers that are in both the 4 times table and the 6 times table.

12 20 28 36 42

1) Use column multiplication to solve

	2	8			1	7
x		3		x		5

2) Use repeated addition to solve

There are 21 chocolate bars in a vending machine.



How many chocolate bars will there be in 3 vending machines?

Elena uses Base-10 blocks and **repeated addition** to help her.

T	O

$21 + 21 + 21 = 63$
chocolate bars

Use this method to solve the following problems.

- a) 21×4
- b) 33×3

3) Use a method of your choice to solve

- a) 43×4
- b) 27×5

c) 62×6

4) Spot the mistake

Edward completes this calculation:

$$43 \times 2$$

Can you spot his mistake?

	T	O
	4	3
x		2
	8	0
	6	6

5) Correct or incorrect?

Look at each number sentence.

Put a tick if it is correct.

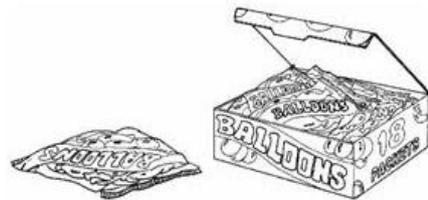
Put a cross if it is incorrect.

- a) $8 \times 2 = 8 + 8$ _____
- b) $3 \times 10 = 3 + 3 + 3$ _____
- c) $5 \times 4 = 5 + 5 + 5 + 5$ _____

6) Solve

a) A pack of paper has 150 sheets.
4 children take 7 sheets each.
How many sheets are left in the pack?

b) There are 5 balloons in a pack.
There are 18 packs in a box.



How many balloons are there altogether in a box?

7) True or false?

$$5 \times 30 = 3 \times 50$$

Challenge:

Prove your answer

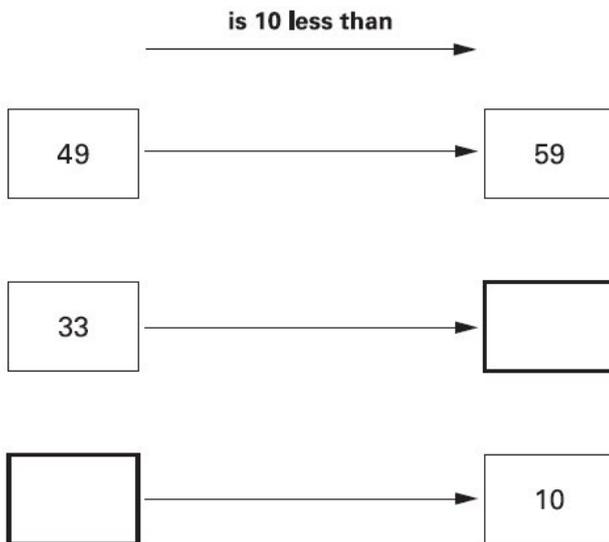
19.05.20 – Subtraction

Starter:

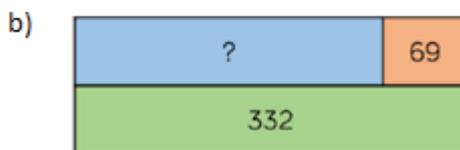
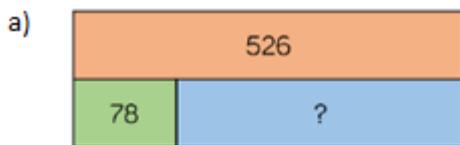
Write 100 less and 100 more than:

$\underline{\quad} 343 \underline{\quad}$
 $\underline{\quad} 601 \underline{\quad}$
 $\underline{\quad} 979 \underline{\quad}$

1) Fill in the empty boxes



2) Use column subtraction to calculate



3) Use a method of your choice to solve

- a) $349 - 29$
 b) $785 - 83$
 c) $523 - 68$

4) Find the missing numbers

a) $500 - \boxed{\quad} = 375$

b) $\boxed{\quad} \boxed{1} - \boxed{2} \boxed{\quad} = 34$

5) Solve

a) Kai, Harriet and Amora run a 50m race.
 Harriet finishes in 12 seconds.
 Kai finishes 5 seconds before Harriet.
 Amora finishes 3 seconds after Kai.
 What is Amora's time in seconds?

b) Jack and Matilda each buy a sandwich.
 Jack gets 5p change from £2.
 Matilda gets £2.25 change from £5.
 How much more does Matilda pay than Jack?

c) Callum has finished reading the 9th page of his book. There are 32 pages of his book in total.
 How many more pages does he have to read?

d) Robbie and Amelia play a game.
 Robbie scores 70 points
 Amelia scores 42 points
 How many more points does Robbie score than Amelia?

6) Show your method

a) Tommy is playing a game.
 He has 4,289 points.
 Tommy scores another 355 points.
 Tommy's target is 6,000 points.
 How many more points does Tommy need to reach his target?

b) Here is the height of 3 mountains.

Mountain	Height in metres
Mount Everest	8,848
Mount Kilimanjaro	5,895
Ben Nevis	1,344

How much higher is Mount Everest than the **combined** height of the other two mountains.

20.05.20 – Fractions

Starter:

- 8, 12, 16, 20, ____, ____
- List the multiples of 8 (up to 12×8)
- How many millimetres in 1 litre?
- Find the volume of 234ml, 456ml and 431 ml.

1) Add the fractions

Remember: When adding fractions with the same denominator, the denominator stays the same but the numerator changes.

a) $\frac{1}{8} + \frac{3}{8} + \frac{1}{8} = \square$

b) $\frac{2}{9} + \frac{1}{9} + \frac{5}{9} = \square$

c) $\frac{1}{7} + \frac{2}{7} + \frac{3}{7} = \square$

2) Fill in the gaps

$\frac{4}{6}$ is smaller than $\frac{\square}{6}$	$\frac{4}{6}$ is bigger than $\frac{\square}{6}$
---	--

$\frac{5}{9}$ is smaller than $\frac{\square}{9}$	$\frac{5}{9}$ is bigger than $\frac{\square}{9}$
---	--

$\frac{2}{4}$ is smaller than $\frac{\square}{4}$	$\frac{2}{4}$ is bigger than $\frac{\square}{4}$
---	--

3) Find the fractions of these amounts

Remember: When finding a fraction of an amount divide by the denominator and multiply by the numerator.

Write the number that is $\frac{1}{3}$ of 33

Write the number that is $\frac{1}{5}$ of 85

Write the number that is $\frac{1}{3}$ of 27

Write the number that is $\frac{1}{5}$ of 45

4) Shade the squares

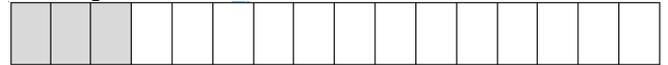
- a) 2 of the squares are shaded.

Shade more squares so $\frac{5}{10}$ are shaded altogether.



- b) 3 of the squares are shaded.

Shade more squares so that $\frac{7}{16}$ are shaded altogether.

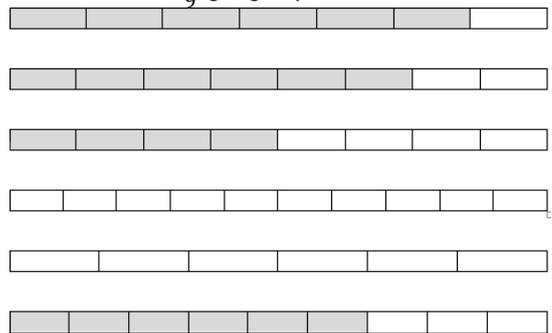


5) Use the symbols $<$, $>$ and $=$ to make the statements below correct.

$$\frac{3}{10} \square \frac{2}{10}$$

$$\frac{6}{8} \square \frac{4}{8}$$

- 6) Which set has $\frac{6}{9}$ grey squares?



7) Solve

A farmer feeds his horses.

One horse eats $\frac{1}{8}$ of the food.

The other horse eats $\frac{4}{8}$ of the food.

What fraction of the food have the horses eaten altogether?

Challenge:

Can you prove your answer with a diagram?

21.05.20 – Addition

Starter:

- a) $4 \times 8 =$
 b) $526 + 9 =$
 c) Multiply five by seven =
 d) $\frac{8}{10} - \frac{4}{10} - \frac{3}{10} =$

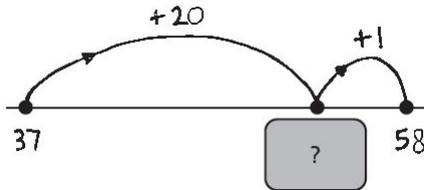
1) Do you need to use the column method for this?

Tosan wants to buy a packet of biscuits.



He gives the shopkeeper 65p.
 The shopkeeper says "You need 25p more to buy these biscuits."
 How much do the biscuits cost?

2) What is the missing number?



What number is hidden?

3) Fill in the gaps

Use any of the numbers below.

12 3 9 18 6

Write one number in each box to make a correct sum.

$$\boxed{} = \boxed{} + \boxed{}$$

4) Solve

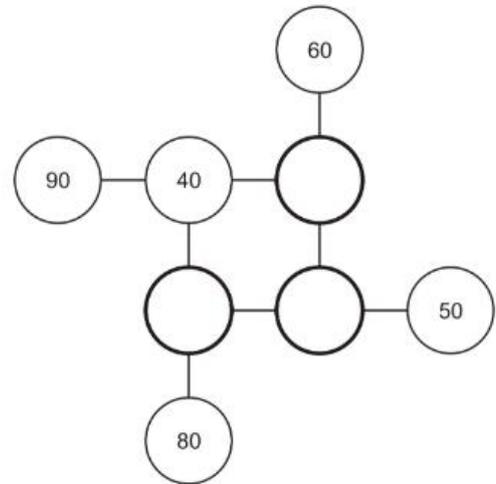
Write 3 numbers less than 10 that add to make 20.

5) Complete

a) Each side of this square must add to make 80.
 Write the missing numbers.

30	40	
		50
20	40	20

b) Complete this diagram so that the three numbers in each line add up to 150.



6) Write the missing number

a) The numbers in the sequence increase by 14 each time.

Write the three missing numbers.

$$\boxed{} \quad 82 \quad 96 \quad \boxed{} \quad 124 \quad 138 \quad \boxed{}$$

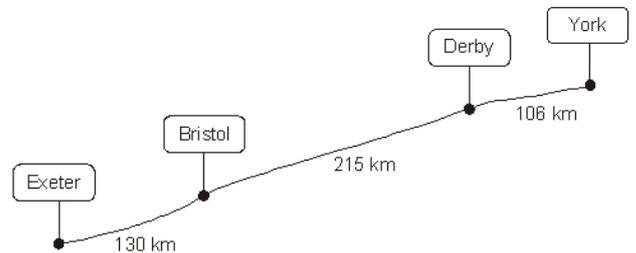
b) The numbers in this sequence increase by the same amount each time.

Write the two missing numbers.

$$\boxed{} \quad 610 \quad 650 \quad 690 \quad \boxed{}$$

7) Solve

The diagram shows the distances on a train journey from Exeter to York.



a) How many kilometres is it altogether from Exeter to York?

b) What is the distance from Derby to York rounded to the nearest 10km?

22.05.20 – Division

Starter:

- a) 45×8
- b) 34×3
- c) 64×4

1) Divide

Rebecca is making 5 party bags. How many of each item will she put in each bag?



28 stickers

In bag _____

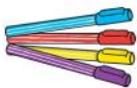
Left over _____



44 sweets

In bag _____

Left over _____



32 felt tips

In bag _____

Left over _____



56 marbles

In bag _____

Left over _____

Rebecca can't decide between party hats and party poppers. Which would have the fewest leftover if each child had 1?



2) Solve

There are 14 people at Henry's tea party. How many packets of each item does he need to buy so there is enough for everyone to have one of everything?



2 drinks

Packs _____

Left over _____



8 biscuits

Packets _____

Left over _____



4 cakes

Packets _____

Left over _____

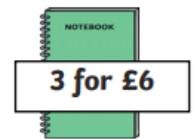
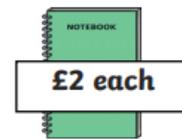
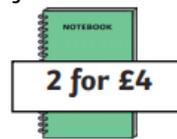


12 paper cups

Packs _____

Left over _____

Henry has around £25 to spend. He wants to give each of his 14 guests a notebook. Which books should she buy to have the most money leftover?



3) What can he buy?

Cameron might spend his birthday money on building bricks.

He has £29.

How many boxes of building bricks can he buy?



Boxes: _____

He might spend it on cars. How many cars can he buy?



Cars: _____

He might even choose footballs. How many footballs could he buy?



Footballs: _____

Which should he choose if he wants to have the most amount of money leftover?

Which should he choose if he wants to have the least amount of money leftover?

Well Done Year 3!

Another week done and dusted! Once again you are all superstars and should be so proud of yourselves. Keep up the hard work!