

# Friday 22<sup>nd</sup> May 2020

For the 'everyday' activities please see Monday's power point. This will save you having to keep printing the same slides.

If you've managed to complete the Maths this week, then well done! Some tricky, new ideas. You certainly need a rest over the weekend. I know I do and I'm only planning and creating the work.

<https://readon.myon.co.uk/news/index.html>

Pop on this link if you want child friendly news to read.

# Friday's Maths !

- **First** complete the ten in ten arithmetic questions.
- You might want to re watch the video or parts of it from yesterday if you're not yet confident with the division concepts

<https://whiterosemaths.com/homelearning/year-3/>

- **Grown ups** - If for any reason the link doesn't work it is because everyone is trying to access the same documents potentially from all over the country if not world. Please try the link again later in the day or later in the week. It is an excellent resource and once everyone has settled into a routine you should be able to access it. White Rose was the only website that didn't continually crash due to traffic in the first couple of weeks and the resources are excellent. Try pressing the f5 key if the video is not there at first.
- **Grown ups** - the way we introduce formal division will be slightly different to how we were taught at school. On the next page are the ways that we expect the children to be able to use. The formal column method is not required at this age, however some children will be able to use it. The video introduces part/ whole method as another way of working out division.
- **Children** - you only have to be able to do the division using or drawing counters.
- On the next page I'll show you the two ways that we expect year 3 to be able to work at Howley. Whichever method you use is fine as long as you can explain how you have reached your answer
- **Finally** check your answers and correct any mistakes, just like we do in class. You can even use a pink and green pen if you want to.

# Ten in Ten

Some wordy ten in ten questions today - find the sum and work it out - you might need to write them down.

<u>Set 30</u>	
More word problems.	
Question 1: I think of a number and subtract 10. The answer is 29. What is my number?	
Question 2: I think of a number and add 12. The answer is 16. What is my number?	
Question 3: A tarantula has 8 legs. How many legs do 2 tarantulas have?	
Question 4: A bee has 6 legs. How many legs do 10 bees have?	
Question 5: A tricycle has 3 wheels. How many wheels are there on 5 tricycles.	
Question 6: An octagon has 8 sides. How many sides do 10 octagons have?	
Question 7: A bag holds 50 marbles. 36 were taken out. How many marbles were left in the bag?	
Question 8: There are 32 children in a class. 6 children were absent. How many were left?	
Question 9: How many crayons are there in 3 boxes, each holding 50 crayons?	
Question 10: A sketchbook has 100 pages. 40 have been drawn on. How many are left?	

Grown ups - I'm trying to find different ways of doing arithmetic so that the children encounter a variety of different ways.

# Ten in ten answers

<u>Set 30 answers</u>	
Question 1: I think of a number and subtract 10. The answer is 29. What is my number?	39
Question 2: I think of a number and add 12. The answer is 16. What is my number?	4
Question 3: A tarantula has 8 legs. How many legs do 2 tarantulas have?	16
Question 4: A bee has 6 legs. How many legs do 10 bees have?	60
Question 5: A tricycle has 3 wheels. How many wheels are there on 5 tricycles.	15
Question 6: An octagon has 8 sides. How many sides do 10 octagons have?	80
Question 7: A bag holds 50 marbles. 36 were taken out. How many marbles were left in the bag?	14
Question 8: There are 32 children in a class. 6 children were absent. How many were left?	26
Question 9: How many crayons are there in 3 boxes, each holding 50 crayons?	150
Question 10: A sketchbook has 100 pages. 40 have been drawn on. How many are left?	60

Methods - these are the methods that we would use in school - starting with base ten and then moving onto HTO counters.

Divide a 2-digit number by a 1-digit number

Mo has 63 stickers.  
He shares the stickers equally between 3 friends.

Tens		Ones
		
		
		

Here the base ten has simply been shared out equally.

Eva has this money.



Each person receives £13

She shares the money equally between 4 people.

Tens	Ones		
			
			
			
			

Please notice that here that the £20 have been exchanged for two £10 notes and a £10 has been exchanged for 10 £1 coins and then shared equally.

When you become confident with the sharing and exchanging you can move onto drawing your own diagrams using a TENS and ONES grid.

Try these first - draw a grid and share out the counters.

1.  $55 \div 5 =$

2.  $36 \div 3 =$

3.  $48 \div 4 =$

Tens	Ones

These sums will require you to exchange a TEN for 10 ONES. Use the same sort of grid to work these out.

4.  $65 \div 5 =$

5.  $52 \div 4 =$

6.  $96 \div 8 =$

# Divide 2-digits by 1-digit (2)

1 Rosie has 56 pencils.

a) Draw base 10 to represent the pencils.

Rosie shares the 56 pencils equally between 4 pots.

b) Draw base 10 on the place value grid to share the pencils.

Tens	Ones

c) How many pencils are in each pot?

d) Did you have to make an exchange?

4 Use base 10 or counters to work out the divisions.

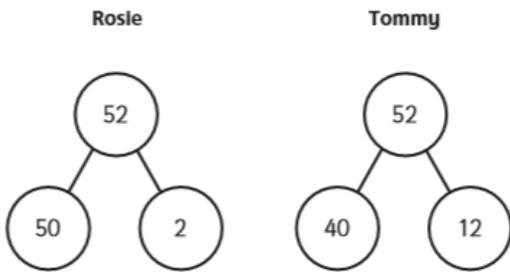
a)  $45 \div 3 =$

b)  $57 \div 3 =$

c)  $92 \div 4 =$

5 Rosie and Tommy are working out  $52 \div 4$

They both use a part-whole model.



a) Whose part-whole model will help them with the division? \_\_\_\_\_

How do you know?

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b) Use a part-whole model to work out  $52 \div 4$

2 Eva has this money.



She wants to share the money equally between 3 people.

a) Use the place value chart to show how Eva can share the money.

Tens	Ones

b) How much money does each person get?

3 Divide 72 by 3



Tens	Ones

Use the place value counters to help you.

$72 \div 3 =$

Remember to use the method that suits you. You don't have to use part/ whole, however assessments sometimes have questions like this.

# Answers

## Divide 2-digits by 1-digit (2)



1 Rosie has 56 pencils.

a) Draw base 10 to represent the pencils.



Rosie shares the 56 pencils equally between 4 pots.

b) Draw base 10 on the place value grid to share the pencils.

Tens	Ones
1 rod	6 dots

c) How many pencils are in each pot?

14

d) Did you have to make an exchange?



2 Eva has this money.



She wants to share the money equally between 3 people.

a) Use the place value chart to show how Eva can share the money.

Tens	Ones
1 £10 note	4 £1 coins
1 £10 note	4 £1 coins
1 £10 note	4 £1 coins

b) How much money does each person get?

£14

3 Divide 72 by 3



Tens	Ones
2 10-blocks	4 1-blocks
2 10-blocks	4 1-blocks
2 10-blocks	4 1-blocks

Use the place value counters to help you.

$$72 \div 3 = 24$$

4 Use base 10 or counters to work out the divisions.

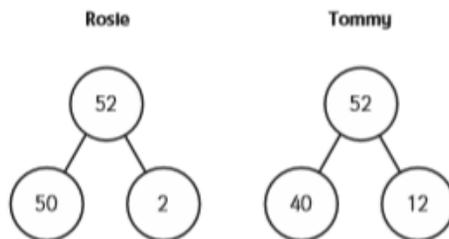
a)  $45 \div 3 = 15$

b)  $57 \div 3 = 19$

c)  $92 \div 4 = 23$

5 Rosie and Tommy are working out  $52 \div 4$

They both use a part-whole model.



a) Whose part-whole model will help them with the division?

Tommy

How do you know?

40 and 12 are both divisible by 4

b) Use a part-whole model to work out  $52 \div 4$

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# Free Writing Friday

So Friday again, which means its free writing time! I have included an image from pobble 365 called 'Port Key'.

Can you write a short story about this image. There is a story starter to help you.

## Story starter!

Moments earlier, she had been standing in her classroom holding the tiny port-key up in her hand, waiting for the magic to happen. With a flash and a puff of smoke they had vanished into thin air.

The port-key had taken them to some strange places before, but never to a jungle. The problem with port-keys is that you never quite know where you're going to end up!

They gazed around them and took in their surroundings; the stifling heat and cacophony of jungle noises put the children on edge - they would have to be exceptionally brave on this particular adventure...



Pobble.com  
Pobble365.com

Or you could try the sentence challenge:

## Sentence challenge!

Can you write a description of what it would be like to be in a jungle?

You could think about using your senses, for example, thinking about what sounds you might hear around you.

You could also describe how you might be feeling.



Pobble.com  
Pobble365.com

# Fitness Friday

Even though we are in a lockdown it is still important to stay active. I hope lots of you are able to get out for walks and maybe in your back gardens to burn off some of that energy.

As most people are stuck in lots of you might be doing the Joe Wicks workouts in the mornings but in case you want something different I have included some get fit games you can play at home with the whole family.

**Running:** Running is the perfect [exercise](#) for kids and adults alike! It gets the heart pumping and blood flowing. It is also an exercise that can be paired with numerous games. You can have a relay race with your children, play tag, or even just chase each other around the house. You can change things up by changing the [running](#) pattern. Switch to skipping, high-knees, butt kicks, or even running in place with fast feet. Running in place is an option if you live in a small space and don't have access to a backyard!

**Squat Relay:** This is a great exercise that involves quick sprinting, squats, and motivational high-fives! Have each member of the family go to different sides of the room. Whenever you say the word "go!" everyone sprints to the center of the room and does three squats (you can increase based on ability). Between each [squat](#), every family member has to high-five the person across from them. After the squats, everyone sprints back to their side of the room, then repeat!

**Penguin Shuffle:** Shuffling is a workout that is both fun and effective. Everyone starts on one wall, then, with hips and knees bent, eyes forward, and your chests lifted, everyone side-shuffles to the other side of the room. Whoever wins gets to decide what exercise game to do next. To make it more difficult or just to switch things up, have everyone hold a pillow (or any item) between their legs and see who can [shuffle](#) the quickest without dropping the pillow.

**Musical Creepy Crawlies:** Branching off of the classic game of musical chairs, musical creepy crawlies is a fun way to stretch your limbs and get your heart pumping. You can either [download](#) a musical chairs player, look one up on [YouTube](#), or assign someone to start and stop the music. While the music is playing, everyone is laying on their backs, wiggling and kicking their arms and legs as fast as they can. When the music stops everyone must jump up. The last person to jump up is out.

•**Traffic:** This is a [BOKS](#) version of "Red Light Green Light." Instead of just running and stopping, this includes other exercises and variations. Choose someone to lead the game and then teach everyone the movement rules. In the beginning, it may be easier to shout the movements along with the traffic call:

- Red light = Stop Moving
- Green Light = Run
- Yellow Light = Side Shuffle
- Speed Bump = Bunny Hops
- Carpool = Find a Partner and Run Holding Hands
- Deer Crossing = Gallop

**Dance:** Involve the family in dancercise! Make a playlist of everyone's favorite song and let each person lead the dancing to their favorite song. You can also just dance together and have fun! [Exercising](#) doesn't have to be a chore and doesn't have to involve classic workout moves. Taking time to get your body moving and heart pumping is a wonderful way to exercise.

Have fun moving today! I know I (Mrs Wellings) will be trying a few of these out with my children.