



Weekly Arithmetic 10 a day

w/b 29/06/2020

Monday

1. List all multiples of 3 up to 51.
2. What is $\frac{3}{4}$ of 32?
3. Draw an arrow to show 63, 68 and 75 on the number line:



4. What are the missing numbers in this sequence?
13, __, __, 22, __, 28, __, 34, 37
5. Ice lollies are sold in boxes of 3. Emily wants to buy 7 boxes. How many ice lollies will she have? Show your working out below.

Tuesday

1. What 3D shape has 6 faces, 12 edges and 8 vertices? Is there more than one answer?
2. $37 + 13 = \underline{\quad}$
This is the same as
 $\underline{\quad} + 30$
 $90 - \underline{\quad}$
 $\underline{\quad} \times \underline{\quad}$
 $\underline{\quad} \div \underline{\quad}$
3. Complete this fact family:
 $16 \times 2 = \quad$ $\underline{\quad} \div \underline{\quad} =$
 $\underline{\quad} \times \underline{\quad} =$ $\underline{\quad} \div \underline{\quad} =$
4. Alice is having about to have her lunch. What time could it be?
5. Chloe says 369 is in the 2 times table. Is she right? How do you know?
6. Can you make the number 48 in 10 different ways using the four operations?

Wednesday

1. What 3D shape is made up of 4 triangular faces, and one square face?
2. A flower costs 48p. How much change would I get from £1?
3. Draw two different ways that you could make £1.69.

--	--

4. Roman eats 12 jelly worms. This is half the amount he started with. How many did Roman start with?
5. Tvisha gets up at half past 7. She goes to the swimming pool 3 hours later. What time does she go to the pool?
6. Miss Whitney says that if she adds ten to any number, the ones will always stay the same. Is she right? Explain your answer.

Thursday

1. Ella-Mae goes to the park with her friend for 2 hours. When she leaves it is half past 3 in the afternoon. What time did she meet her friend?
 2. If the minute hand is pointing to the 11, and the hour hand is pointing to the 4, what time is it?
 3. If a punnet of plums has 6 plums in it, how many plums would there be in 10 punnets?
 4. Write the number 18 in words:
-
5. There are 12 people on a bus. At the next stop, 9 people get on, but three people get off. How many people are on the bus now?
 6. Container A has 300ml of water in it. Container B has 3l of lemonade in it. Which container holds more liquid? Explain your answer.

Friday

1. Complete this fact family:

2 14 7

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

2a) What is half of 96?

b) A quarter?

c) Three quarters?

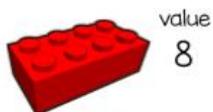
3. Layla says that half of 36 is 16. Is she correct?

Show your working out below.

4. For this problem, you will need building blocks, like lego. If you don't have any lego, you could try drawing your problem out.

Adding investigation:

Today you will be builders. You need to build a brick wall with a total value of 32. Here are your materials:



Challenge 1: Build the wall with a Value of 32.

Challenge 2: How many ways can you build a wall with a value of 32?

Challenge 3: Build a wall with a value of 64. What combination of bricks will you use?