Maths
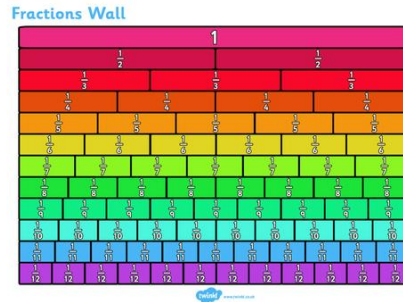## Home Learning Activities
Year 4 – Spring 2 2024

Measure

Use a ruler, weighing scales, a measuring jug/cups to find the measurements. Some of them will be printed on the products. If you don't have any scales, try to estimate the weight. If you don't have a measuring jug, use a milk bottle, (which will hold a litre).

1. How tall are you in m and cm?
2. How many millilitres are there in your bottle of shampoo? (ml)
3. How much does your box of cereal weigh? (g)
4. How tall is the tallest person that lives in your house? (m/cm)
5. How high up do you sleep? (m/cm)
6. Find the biggest potato in the bag. How much does it weigh? (g)
7. Measure the distance from your seat in the lounge to the television. (Are you in danger of getting square eyes!?) (m/cm)
8. How much does your breakfast cup/glass contain? (ml)
9. How many millilitres are there in your bottle of ketchup?
10. If a soup/cereal bowl was full, how many ml of liquid could it hold?

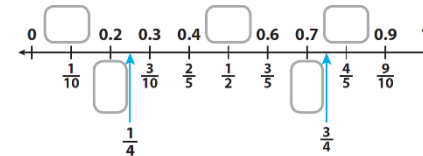### Fractions

Create your own fraction wall on A4 paper.

Fractions Wall

Decimals

Convert the fractions from your fraction wall into decimals. Place them on a number line

E.g.
½ = 0.5
1/10 = 0.1
2/10 = 0.2

Timetables

Learning times tables and division facts:
2x 3x 4x 5x 6x
7x 8x 9x 10x 11x 12x
https://www.timestables.com/
Year 4 have a National Timetables Test coming up – please ensure your child is practising their timetables every day.

Problem Solving

Place the numbers 1-9 in a 3x3 grid so that all the rows and columns add up to 15.

			=15
			=15
			=15

=15   =15   =15

Time

Make a Roman numeral clock of your own.

Roman Numerals

1 = I	10 = X	100 = C	1000 = M
2 = II	20 = XX	200 = CC	2000 = MM
3 = III	30 = XXX	300 = CCC	3000 = MMM
4 = IV	40 = XL	400 = CD	
5 = V	50 = L	500 = D	
6 = VI	60 = LX	600 = DC	
7 = VII	70 = LXX	700 = DCC	
8 = VIII	80 = LXXX	800 = DCCC	
9 = IX	90 = XC	900 = CM	

Place value

1	9	6	3

Use the four digit cards every time you make a number:
What is the largest number you can make?
What is the smallest number you can make?
Make a list of all the numbers you can make using the four digit cards:
Place these numbers on your number line.
Which number is closest to 3000?
Which numbers have nine hundreds?
Which numbers are greater than 6500 and less than 9500?
Now choose your own four digit cards and think of your own questions

Statistics

Conduct your own survey:

Favorite Survey
1. What are your favorite kinds of food?
2. What is your favorite color? Why?
3. What kind of animal is your favorite? Why?

Using the data that you collect, make your own bar graph and then write questions to analyse your data.