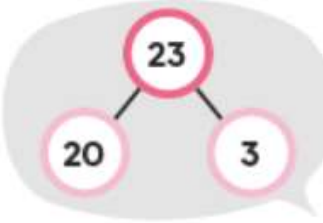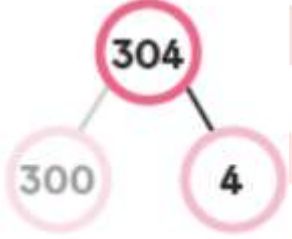# Maths activities – Year 4 - Week beginning 11.05.20

As well as these you can also do the Week 6 daily activities in Purple Mash, practise your times tables on TT Rockstars and complete daily lessons on MyMaths.

Monday 11ᵗʰ	Challenge activities
Maths: Multiplying 2- digit numbers Use a partitioning technique to work out these equations 23 x 3 (23 → 20, 3) 20 x 3= 3 x 3= 14 x 5 29 x 8 36 x 7 64 x 8	Multiplying 3- digit numbers 304 × 2 = ☐ 3 × 123 = ☐ (304 → 300, 4) 100 20 3 100 20 3 100 20 3 121 x 4 254 x 3 110 x 9 367 x 8 MyMaths- Multiply double digits set activity.

Tuesday 12th	Challenge activities
Maths: Money- calculating change A child has £10. Calculate how much change the child would get if they were to buy these items: - £7.50 - £3.89 - £4.56 - £1.75 - £8.27	Find some items from your kitchen and set up a 'shop'. For example, price a glass of water at 20p! Ask adults in your house to 'pay' when they want to use an item and calculate what change you will need to give them when they 'pay you'. The adult can decide how much money they give you for you to work out their change. E.g. A glass of water is 20p, and adult gives you £1. You will need to give them 80p change! PurpleMash- search for 'Calculating change from £1-b'

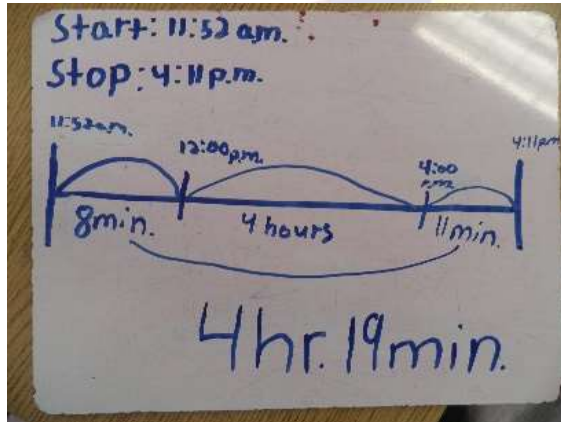| Wednesday 13th	Challenge activities
Maths: Rounding Can you round these numbers to the nearest ten? 34 23 67 146 255 Nearest Hundred? 101 87 299 516 451	Estimate the total of these equations when rounding to the nearest ten: e.g. 23 + 31= 20 + 30= 50 62 + 34 78 + 112 223+ 51 45+ 155 399+ 99 MyMaths- Rounding OW.

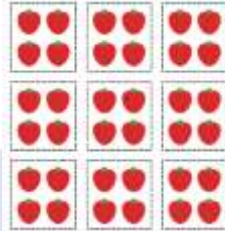| Thursday 14th	Challenge activities
Maths: Time- counting on a number line. Can you draw a number line and work out the answer for these time problems? Start: 11:52 am. Stop: 4:11 p.m. 11:52am. 12:00pm. 4:00 p.m. 4:11pm 8min. 4 hours 11min. 4hr. 19min. A lesson starts at 09:00 and finishes at 11:35. How long is the lesson? A movie runs for 120 minutes at the cinema. If the movie starts at 12:30, what time will it end? I start a marathon at 10:10. I run for 4 hours and 25 minutes. What time do I finish the race? Challenge- A bus leaves school on a trip to the zoo. The total time for the trip is 5 hours and 30 minutes. The bus arrives back at school at 15:00. What time did it leave?	**I can do 20 sit-ups in 15 seconds. Therefore, I know I can do 80 sit-ups in 1 minute. I know this because 1 minute= 60 seconds. 15 seconds x 4= 60 seconds, so 20situps x 4= 80situps.** Time yourself for 15 seconds doing jumping jacks. How many can you do in 15 seconds? Using this, how many do you think you'll be able to do in 1 minute? Try this with other exercises- sit ups, push ups etc. Try this with different timings- time yourself for 10 seconds, 20 seconds, how many in 2 minutes etc. PurpleMash- 'Time- Clock faces pairs game'

Friday 15th May	Challenge activities
Maths: Dividing. $36 \div 9 =$ How could you pictorially represent 32 divided by 8? Mr Naylor has a box of 56 donuts, shares them equally amongst 14 pupils. How many donuts does each pupil get? Show this with a pictorial method.	Divide with a remainder. Ruby tries to put 39 apples equally into 4 baskets. Ruby wants to **share** 38 cookies **equally** into 6 boxes. How many cookies will she have left over? 74 puppies all try and **fit equally** into 8 baskets. How many puppies will sadly be left out? Lulu has 154 sweets in her bag. She has 8 friends she wants to **share** them with. How many sweets will Lulu have left? TT rockstars- Play at least 10 games in studio (each game is 1 minute long)

Use any other apps and websites you feel are appropriate for your child.