Monday

22.06.2020

Good morning Longboats, how are you today? Like last week, some of you will be doing these activities in school and some of you will be doing them at home.

Make sure that you check your Mathletics too – I'll make sure everyone has some time activities to do so you can check you understood last week's work.

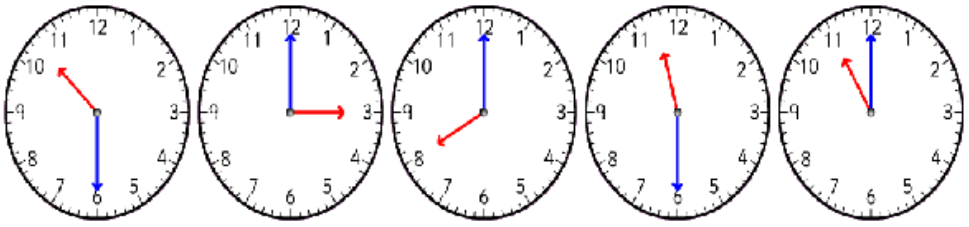
Starter

If you know that 4 x 8 = 32. What else can you derive?
Can you come up with 10 different calculations that are connected to this one?

Main Activity

As always, start with the activity you think will work best for you and then try a challenge if you want to.

Can you draw a line to match each analogue clock to the correct digital clock?
Remember to count in 5s for the minutes!



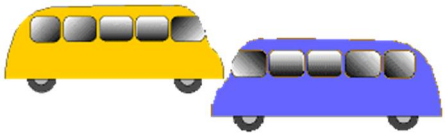
We are going to think about **elapsed** time this week. That means adding on time. It's best to do this by counting on in hours and then in minutes, which is a bit like partitioning.

1. This is the time when Erica left the house to go on holiday. It took her 2 ½ hours to get to her destination. What time did she arrive?

2. Rhys went to sleep at this time in the evening. He slept for 9 hours. What time was it when he woke up?

3. Ross started making a birthday cake at this time in the afternoon. It took 3 hours and 10 minutes to mix and bake the cake. What time was it finished?

4. Maria's late night train departed from Glasgow at this time on Monday night. It will take 7 hours and 15 minutes for it to arrive in London. What day and time will she get to London?



A coach company runs a service that connects two towns, Alphaton (A) and Betaville (B), which are 90 miles apart.

The timetable below gives details of coaches travelling from A to B:

A depart	0600	0620	0640	0700	0720	0740	and at the same minutes past each hour until ...	2100	2120	2140	2200
B arrive	0730	0750	0810	0830	0850	0910		2230	2250	2310	2330

Coaches going from B to A leave at the same times:

B depart	0600	0620	0640	0700	0720	0740	and at the same minutes past each hour until ...	2100	2120	2140	2200
A arrive	0730	0750	0810	0830	0850	0910		2230	2250	2310	2330

1. What is the **last** train you could catch from Betaville if you had to be in Alphaton to start work at 9am?

2. How much time is it from the last coach on Thursday night until the first coach on Friday morning?

3. “I can’t get a coach at 2pm – there aren’t any on the timetable,” says Frank. Is that right? Explain how you know.

4. How many of this company's coaches travelling in the opposite direction does the 10 am coach from A pass before reaching B?