

**Summer Week 12 Lesson 1 – 13.07.20**

**STARTER**

Use your maths skills to explain which of these signs should go in the boxes.



$$2416 + 15 + 15 \quad \square \quad 2416 + 30$$

$$1904 - 904 \quad \square \quad 1914 - 924$$

$$2146 - 39 + 42 \quad \square \quad 2134 - 49 + 21$$

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**Today the focus is TIME**



Time

1. Sort the statements into true and false. Explain your reasoning.

There are 35 days in 5 weeks.

2 minutes is 110 seconds long.

There are 24 months in 2 years.

Half a day is 13 hours.

There are more seconds in a minute than minutes in an hour.

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Time

2. Emilia and Raj are playing tennis. They each practise their serve.

Emilia practises for 42 minutes.

Raj starts practising at 10 o'clock and finishes 10 minutes before 11 o'clock.

Who practised their serve for the longest? How do you know?



Time

1. Anika says that in  $2\frac{1}{2}$  hours, the clock will say 3.00.  
Jed says she is wrong and the clock will say 3.58.

Who is correct?  
Explain how you know.



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Time

2. The Stanley family are going on their holidays to Devon.  
Dad puts the postcode into the satnav.  
The satnav says their journey will take 4 hours and 50 minutes.  
They are leaving at 14.23.  
Lily says they will be there at 18.33.  
Frankie says they will be there at 19.13.

Who is correct?  
How do you know?



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**FLASHING LIGHTS**

Norrie is watching the aircraft warning lights on the tops of some tall buildings in the city. He sees two lights flash at the same time, then one of them flashes every 4th second, and the other flashes every 5th second.

How many times do they flash together during a whole minute?



Norrie then watched a third light. He saw it flash at the same time as the other two, then flash every 7th second. How many minutes before this light again flashes at exactly the same time as the other two?

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**ACTIVITY 4 – RED HOT**

**WONKY WATCHES**

Mandeep's watch loses two minutes every hour.

Adam's watch gains one minute every hour.

They both set their watches from the radio at 6:00 a.m. then start their journeys to the airport. When they arrive (at the same time) their watches are 10 minutes apart.



At what time (the real time) did they arrive at the airport?

# 5 on the Clock



On a digital clock showing 24-hour time, over a whole day, how many times does a 5 appear?

Is it the same number for a 12-hour clock over a whole day?