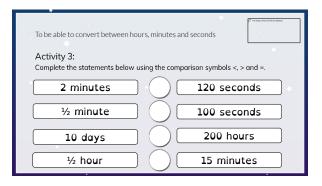


To be able to convert between hours, minutes and seconds Activity 2: Complete the conversion tables below. larger unit days hours smaller unit 1 day 24 hours 1 hour 3,600 seconds 3 days 3 hours seconds 14 days 3 days minutes 31 days half a day seconds

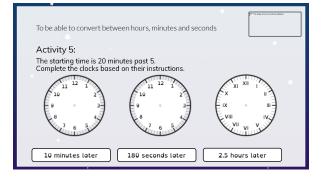


To be able to convert between hours, minutes and seconds

Activity 4:
In a hot dag eating contest, Ruth ate an entire plate of hot dags in 2.5 minutes, while Jamal ate his plate of hot dags in 254 seconds.

Who was faster? By how many minutes and seconds?

Explain your answer.



To be able to convert between hours, minutes and seconds

## Activity 6:

Yasmin, Ahmed and Chen are comparing how long they spend on their rowing

machines. Yasmin spends 345 seconds on her rowing machine. Yasmin spends  $14_{10}$  of an hour on his rowing machine. Chen spends 3 minutes 37 seconds on his rowing machine.

- a) If they were working as a team, how long did they spend on the rowing machines in total?
- b) What is the difference between the person with the longest time and the person on the shortest time?

To be able to convert between hours, minutes and seconds

## Activity 7:

Four friends are driving from different places to meet at a beach house. Ruth says, "My drive will take 480 minutes."

Jamal says, "It will take me 1 ¾ days to cycle there."

Yasmin says, "My drive will take twice as long as Ruth's drive."

Chen says, "My drive will take 1 ½ hours less than Yasmin's drive."

Calculate their journey times and then put them in order from shortest to longest. Explain your answer.

To be able to convert between hours, minutes and seconds

Evaluation:

If I do a sponsored fly for 10p per minute and I fly for 5 hours, I will raise £100.

Is Astrobee's statement true or false?

Explain your answer.