

# Hours, minutes and seconds

1 Sort the activities into the table depending on approximately how long each one takes to complete.

travel to school

wash and dry laundry

get dressed

travel to the Moon

watch a TV show

listen to a song

eat a small chocolate bar

sneeze

write your name

e.g.

Less than 10 seconds	sneeze write your name
Less than 1 minute	eat a small chocolate bar
Less than 5 minutes	get dressed listen to a song
Less than 1 hour	travel to school watch a TV show
More than 1 hour	travel to the moon wash and dry laundry

2 Complete the statements.

a) one minute =  seconds

b) 1 hour =  minutes

2 minutes =  seconds

5 hours =  minutes

4 minutes =  seconds

ten hours =  minutes

eighty minutes =  seconds

15 hours =  minutes

c) one day =  hours  
 3 days =  hours  
 12 days =  hours  
 thirty days =  hours

d) 1 minute =  seconds  
 1 hour =  minutes  
 1 hour =  seconds  
 2 hours =  seconds

How did you work this out? Talk about it with a partner.

3 Write <, > or = to complete the statements.

5 minutes  5 seconds

5 minutes  50 seconds

5 minutes  500 seconds

$\frac{1}{2}$  hour  60 minutes

$\frac{1}{2}$  hour  6 minutes

30 minutes   $\frac{1}{2}$  hour

4 Huan ran a race in 3.5 minutes.

Eva ran the race in 312 seconds.

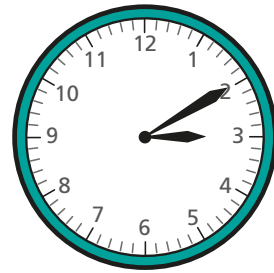
Who was quicker?

Huan was quicker.

How much quicker were they?

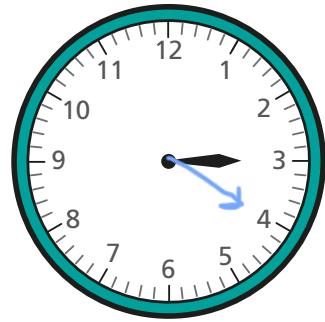
minute  seconds quicker

5 The time is 10 past 3

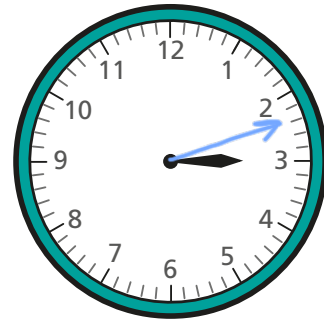


Draw hands on the clocks to show what time it will be:

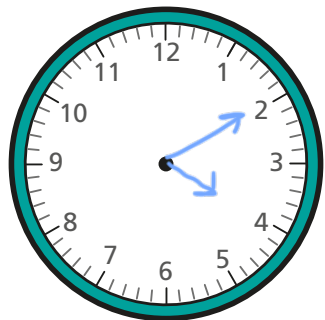
a) in 10 minutes



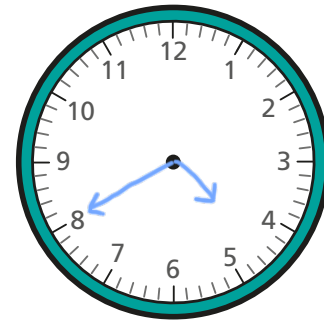
c) in 120 seconds



b) in 60 minutes



d) in 1.5 hours



6 Scott, Esther and Dani timed how long it took to have a shower.

Scott =  $\frac{1}{10}$  hour   Esther = 315 seconds   Dani = 3 mins 27 secs

How long did it take them in total? 882 seconds

What was the difference between the longest and shortest times?

2 minutes 33 seconds

7 Brett, Annie, Aisha and Filip are going on holiday. Here are the total lengths of their journeys.

Brett	12 hours longer than Filip
Annie	$1\frac{1}{4}$ days
Aisha	twice as long as Brett
Filip	360 minutes

Work out how many hours it took each person.

Place them in order from the shortest to the longest journey.

Name	Time
shortest journey <u>Filip</u>	<span style="border: 1px solid black; padding: 2px 10px;">6</span> hours
<u>Brett</u>	<span style="border: 1px solid black; padding: 2px 10px;">18</span> hours
<u>Annie</u>	<span style="border: 1px solid black; padding: 2px 10px;">30</span> hours
longest journey <u>Aisha</u>	<span style="border: 1px solid black; padding: 2px 10px;">36</span> hours