

Year 3, Week 2, 30.03.20

Maths No Problem workbook, Chapter 9: Time, Lesson 6-10, Pages 41 -
45

Telling the Time

Lesson 6

In Focus

✈️ Departures				
Time	Flight	Destination	Gate	Status
12:20	CA 9234	Sydney	06	Departed
13:00	EZ 67	Sydney	10	Gate closed
13:25	AL 089	Perth	09	Final call
13:40	BA 2909	Hong Kong	11	Boarding now
14:50	SA 100	Bangkok	08	
15:45	VA 4017	Melbourne	01	
17:20	EZ 081	Brisbane	15	

What time is it now?
What time is the flight to Bangkok?

Let's Learn

1 What time is it now?



11 o'clock
in the morning

11:00



12 o'clock
at noon

12:00



1 o'clock
in the afternoon

13:00

13:00 is
1 o'clock in the
afternoon.



2 What time is the flight to Bangkok?

14:50



2 o'clock
in the afternoon

14:00

14:50 is 2:50 p.m.
The flight to Bangkok is at 2:50 p.m.

The flight is at
10 minutes to 3
in the afternoon.



3 What is the boarding time?

FlyAirlines		Boarding Pass	
Travel Date	23 Jan	From	London Heathrow
Flight Number	LQ 321	To	Singapore
Boarding Time	10 15	Passenger	Sam Barrow
	11	Seat	26a
Gates close 15 minutes before departure			



It is at
10:15 a.m.



It is at 15 minutes past 10 in the morning.

4 What is the boarding time?

SkyAirlines		Boarding Pass	
Travel Date	23 Jan	From	London Heathrow
Flight Number	SA 456	To	New York
Boarding Time	16 55	Passenger	Hannah Rogers
	04	Seat	12b
Gates close 15 minutes before departure			



It is at
4:55 p.m.



It is at 5 minutes to 5 in the afternoon.

Guided Practice

Tell the time shown.

Write it.

Say it.

1

08:20

8:20 a.m.

20 minutes past 8
in the morning

2

10:40

_____ minutes to _____
in the _____

3

12:00

_____ in the

4

13:30

_____ minutes past _____
in the _____

5

18:24

_____ minutes past _____
in the _____

6

23:59

_____ minute to

Telling the Time

Lesson 7

In Focus



What time is it now?

IV is often shown as IIII on clocks.



The time is 16:00.



Let's Learn

1 What time is it now?

It is 4 o'clock in the afternoon.
We write it as 4:00 p.m.



2



It is half past 7 in the morning.
We write it as 7:30 a.m.



3



It is 15 minutes to 1 in the afternoon.
We write it as 12:45 p.m.



It is past noon.



4



It is 5 minutes to midnight.
We write it as 11:55 p.m.



It is almost midnight.



Guided Practice

Tell the time.

(a)



(b)



(c)



(d)



Measuring and Comparing Time in Seconds

Lesson 8

Let's Learn

In Focus

How many times can you clap in 15 seconds?



- 1 Do a countdown from 10 to 0. How many seconds is that?

The countdown takes about seconds.

10, 9, 8, 7, 6,
5, 4, 3, 2, 1, 0



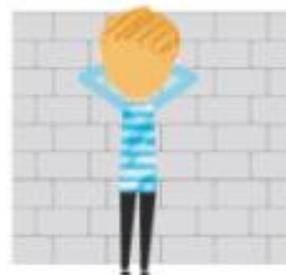
We can measure short amounts of time using seconds.



- 2 Do a count for a game of Hide-and-Seek. How long did that take?

The count took about seconds.

1, 2, 3, 4, 5, 6, 7, 8,
9, 10. Ready or not,
here I come!



- 3 Watch a 100 m race on a video. How long did the winner take to complete the race?

The winner took about seconds.



Work in pairs.

What you need:



- 1 Guess how many times you can clap in 15 seconds.
- 2 Ask your partner to time 15 seconds on the .
- 3 Count how many times you can clap in 15 seconds.
- 4 Take turns to repeat 1 to 3.

Compare how long each person takes to count to 50.

What other activities can you do in 15 seconds?



I took more time than you did.



You counted faster!



- 4 These British runners have run the 100-metre race in under 10 seconds.



James Dasaolu

I ran 100 m in less than 10 s twice.



Chijudu Ujah

I ran it in less than 10 s in 2014.

We write 10 seconds like this.



10 s

I ran it in less than 10 s once.



Jason Gardner

Activity Time

Work in pairs.

- Your teacher will help you measure a distance of 100 metres.
- Run the distance. Your partner will time you using the .
- Switch roles and repeat **2**.
- Compare the time it took you and your partner to run 100 metres.

What you need:



I ran faster than you.

I took more time than you did.



Guided Practice

Fill in each blank with a whole number.

(a)



The time taken is more than seconds but less than seconds.

(b)



The time taken is more than seconds but less than seconds.

(c)



The time taken is more than seconds but less than seconds.

(d)



The time taken is more than seconds but less than seconds.

(e)



The time taken is more than seconds but less than seconds.

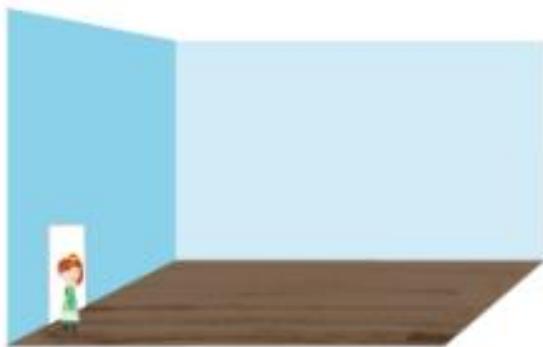
Think of something that you can complete in these times.



Measuring Time in Seconds

Lesson 9

In Focus



Use a stopwatch to measure the time.

How long does it take to walk from one end of the room to the other?



Let's Learn

1 How much time did each child take?

8 seconds > 6 seconds



took about 8 seconds.



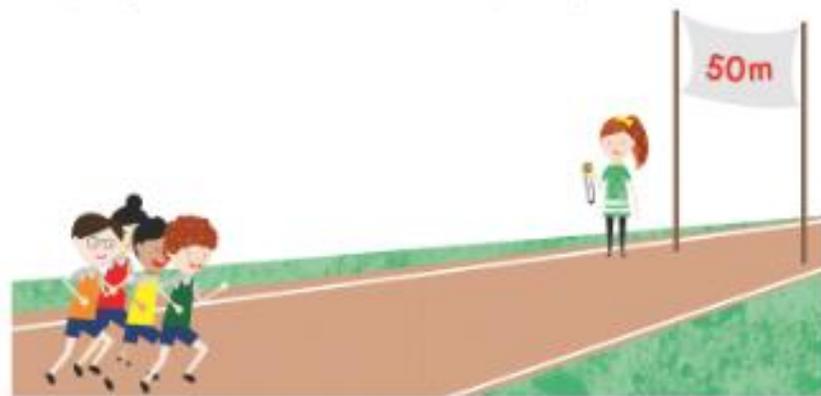
took about 6 seconds.



took more time than



2 Can you guess the number of seconds you might take to run 50 metres?



Elliott takes . Elliott takes about seconds.

How about you?

Activity Time

Work in pairs.

What you need:



- 1 Run 50 m.
- 2 Your partner will measure how many seconds you take.
- 3 Record your time.
- 4 Take turns to repeat 1 to 3.

name	time
<input type="text"/>	<input type="text"/> seconds
<input type="text"/>	<input type="text"/> seconds

Guided Practice

- 1 Emma used a stopwatch to find out how many seconds her friend took to run 100 metres.



Emma's friend took about seconds.

- 2 Sam used his phone's stopwatch to find out how many seconds his dog took to find a hidden ball.



Sam's dog took about seconds.

Measuring Time in Seconds

Lesson 10

Let's Learn

In Focus



The second hand moves rather fast.



Look at the second hand on a clock.
Let's use a clock in an experiment with a pendulum.



Pull the pendulum to one side.



Let the pendulum go.



We count this as one swing (across and back).

Count how many swings the pendulum makes in 20 seconds.

1 How long is 20 seconds?



5 seconds



10 seconds



15 seconds



20 seconds



Use a clock to measure 20 seconds.

2 Do the experiment a few times.

experiment	number of swings in 20 s
1	
2	
3	
4	

3 How many seconds went by?

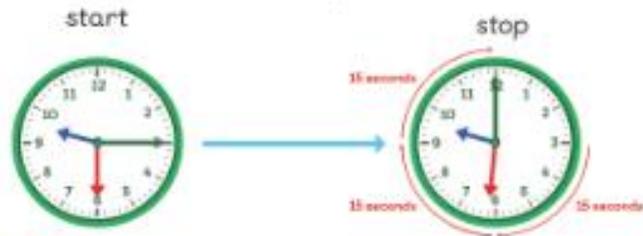


seconds went by.

We can write s for seconds.

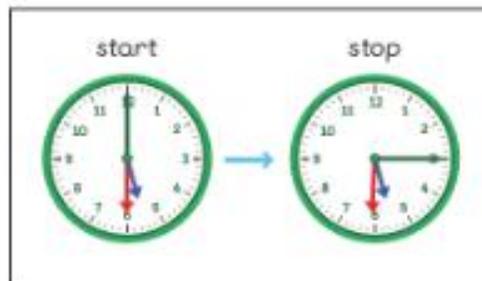


4 How many seconds went by?

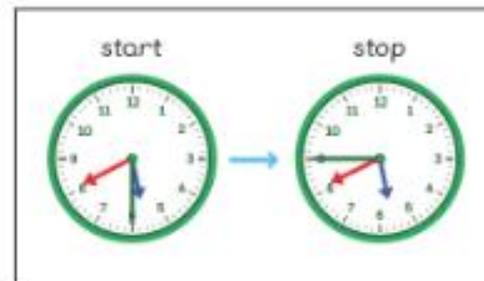


seconds went by.

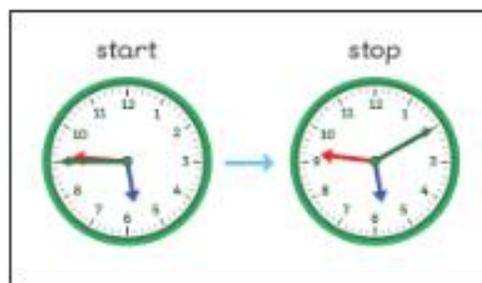
Experiment A



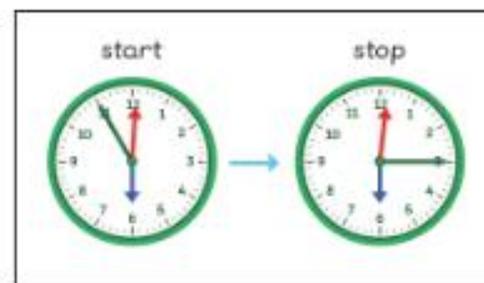
Experiment B



Experiment C



Experiment D



(a) Compare the times taken in experiment A and experiment B. What do you observe?

(b) Compare the times taken in experiment C and experiment D. What do you observe?

(c) In which experiment did the metal take the longest time to burn?

seconds

Guided Practice

Sam burns a small strip of metal in an experiment. He uses a clock to measure the time it takes to burn the metal. He did the experiment 4 times.

