

Reasoning and Problem Solving

Step 3: Telling Time to 5 Minutes

National Curriculum Objectives:

Mathematics Year 2: (2M4a) [Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times](#)

Differentiation:

Questions 1, 4 and 7 (Problem Solving)

Developing Match the 2 analogue clocks to the correct times.

Expected Match the 3 analogue clocks to the correct times.

Greater Depth Match the 3 analogue clocks to the correct times. Clock faces only have numbers 12, 3, 6 and 9.

Questions 2, 5 and 8 (Reasoning)

Developing Explain if a statement about the position of the minute hand at the end of an activity is correct. Statements to include finish time only.

Expected Explain if a statement about the position of the minute hand at the end of an activity is correct. Statements to include start and finish time.

Greater Depth Explain if a statement about the position of the minute hand at the end of an activity is correct. Statements to include start time and duration of activity.

Questions 3, 6 and 9 (Problem Solving)

Developing Read the time presented in words and calculate the finishing time using a single 5 minute interval.

Expected Read the time presented in words and calculate the finishing time using multiple 5 minute intervals.

Greater Depth Read the time presented in words and calculate the finishing time using multiple 5 minute intervals. Clock face only uses numbers 12, 3, 6 and 9.

More [Year 2 Time](#) resources.

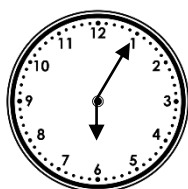
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Telling Time to 5 Minutes

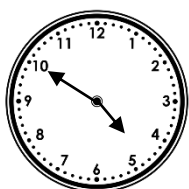
Telling Time to 5 Minutes

1a. Draw lines to match the correct times.

A



B



10 to 5

5 past 6



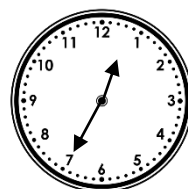
PS

1b. Draw lines to match the correct times.

A



B



20 past 11

25 to 1



PS

2a. Talia says,



I finished swimming at 20 to 3 so the minute hand was on the 9.

Is she correct?

Explain why.



R

2b. Hanif says,



I finished my run at 10 to 4 so the minute hand was on the 3.

Is he correct?

Explain why.

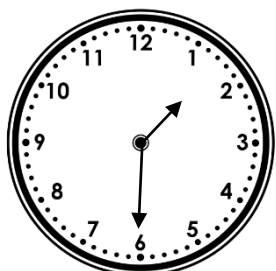


R

3a. Jed starts his homework at half past 1.

It takes him 5 minutes to finish his homework.

What time does he finish his homework?

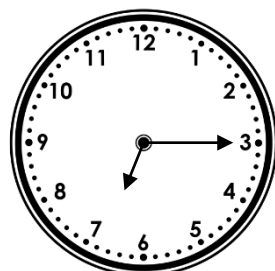


PS

3b. Dara starts reading her book at quarter past 7.

She reads for 5 minutes.

What time does she finish reading?

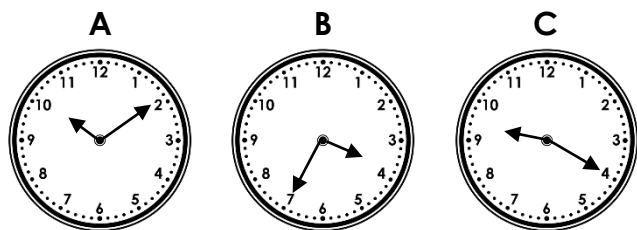


PS

Telling Time to 5 Minutes

Telling Time to 5 Minutes

4a. Draw lines to match the correct times.



25 to 4

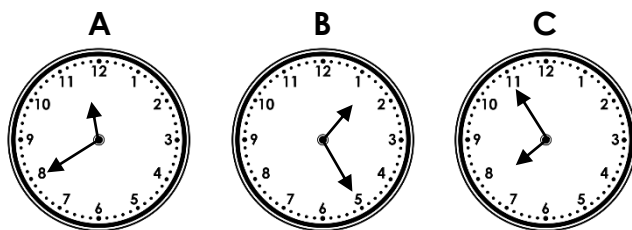
20 past 9

10 past 10



PS

4b. Draw lines to match the correct times.



5 to 8

20 to 12

25 past 1



PS

5a. Meadow says,



I left home at 10 past 8 and arrived at school at 20 to 9, so the minute hand was on the 4.

Is she correct?

Explain why.



R

5b. Matthew says,



I got on the bus at 10 past 8. When I got off the bus it was 25 to 9, so the minute hand was on the 5.

Is he correct?

Explain why.

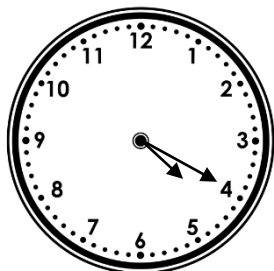


R

6a. Pete starts his run at 20 past 4.

He runs for 5 minutes in one direction and then runs 5 minutes back.

What time does he finish his run?

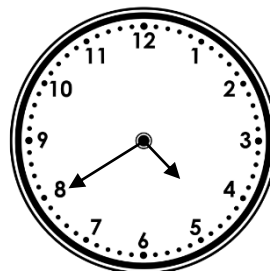


PS

6b. Tianni goes swimming at 20 to 5.

She swims one length in 5 minutes and swims another length in 5 minutes.

What time does she finish swimming?

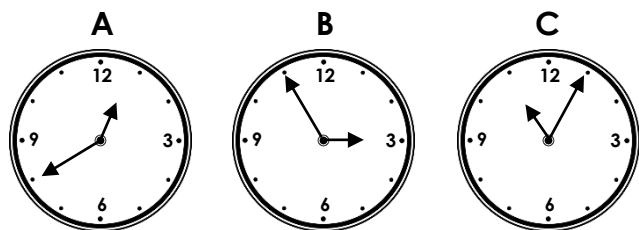


PS

Telling Time to 5 Minutes

Telling Time to 5 Minutes

7a. Draw lines to match the correct times.



5 past 11

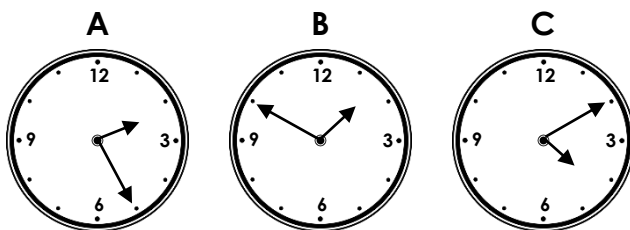
20 to 1

5 to 3



PS

7b. Draw lines to match the correct times.



10 past 4

10 to 2

25 past 2



PS

8a. Carla says,



I started watching a cartoon at 20 past 9. It finished 35 minutes later so the minute hand was pointing at the 10.

Is she correct?

Explain why.



R

8b. Julian says,



I took my dog for a walk at 5 to 3 and got home 25 minutes later, so the minute hand was pointing at the 5.

Is he correct?

Explain why.

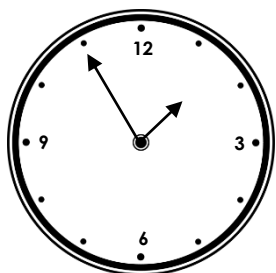


R

9a. Harun starts playing games at 5 to 2.

He plays 'Funky Marco' for 5 minutes, 'Boxing Crazy' for 5 minutes and 'Build a Cube' for 5 minutes.

What time does he finish playing?

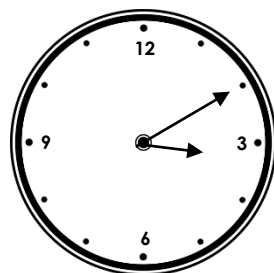


PS

9b. Saffie gets in from school at 10 past 3.

She plays outside for 5 minutes, reads her book for 5 minutes and then draws for 5 minutes.

What time does she finish drawing?



PS

Reasoning and Problem Solving

Telling Time to 5 Minutes

Developing

- 1a. A – 5 past 6, B – 10 to 5
2a. Talia is not correct because the minute hand points to the 8 when it is 20 minutes to the hour. If the minute hand was pointing to the 9 then it would have been quarter to 3.
3a. 25 to 2

Expected

- 4a. A – 10 past 10, B – 25 to 4, C – 20 past 9
5a. Meadow is not correct because the minute hand points to the 8 when it is 20 minutes to the hour. If the minute hand was pointing to the 4 then it would have been 20 past 8.
6a. Half past 4 or 30 minutes past 4.

Greater Depth

- 7a. A – 20 to 1, B – 5 to 3, C – 5 past 11
8a. Carla is not correct because the cartoon finished at 5 to 10 so the minute hand would be pointing to the 11. If the minute hand was pointing to the 10 then it would have been 10 to 10.
9a. 10 past 2

Reasoning and Problem Solving

Telling Time to 5 Minutes

Developing

- 1b. A – 20 past 11, B – 25 to 1
2b. Hanif is not correct because the minute hand points to the 10 when it is 10 minutes to the hour. If the minute hand was pointing to the 3 then it would have been quarter past 4.
3b. 20 past 7

Expected

- 4b. A – 20 to 12, B – 25 past 1, C – 5 to 8
5b. Matthew is not correct because the minute hand points to the 7 when it is 25 minutes to the hour. If the minute hand was on the 5 it would have been 25 past 8.
6b. 10 to 5.

Greater Depth

- 7b. A – 25 past 2, B – 10 to 2, C – 10 past 4
8b. Julian is not correct because he got home at 20 past 3 so the minute hand would be pointing to the 4. If the minute hand was pointing to the 5 then it would have been 25 past 3.
9b. 25 past 3