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.

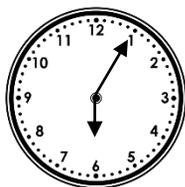## Did you like this resource? Don't forget to review it on our website.

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?

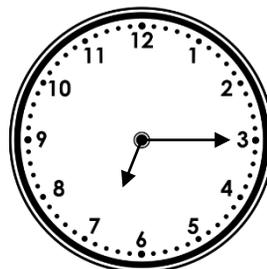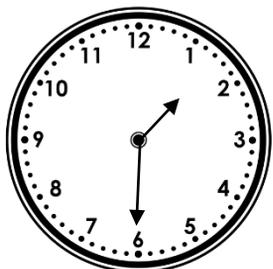Explain why.

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

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Reasoning and Problem Solving – Telling Time to 5 Minutes – Year 2 Developing

4a. Draw lines to match the correct times.

A   B   C
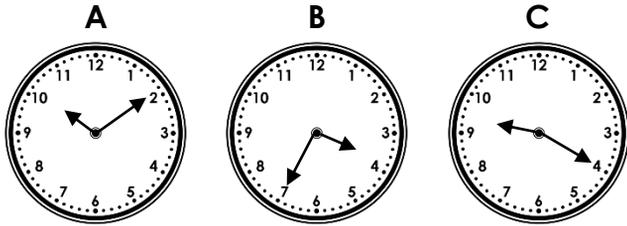
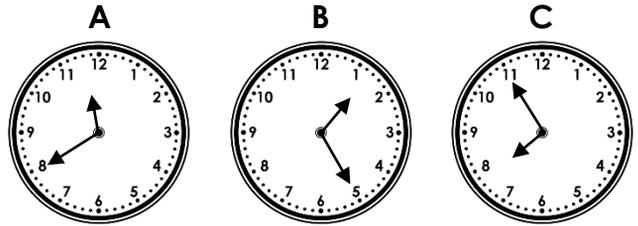| 25 to 4 | 20 past 9 | 10 past 10 |

4b. Draw lines to match the correct times.
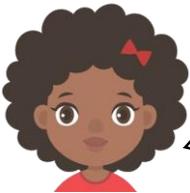
A   B   C

| 5 to 8 | 20 to 12 | 25 past 1 |

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.

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.
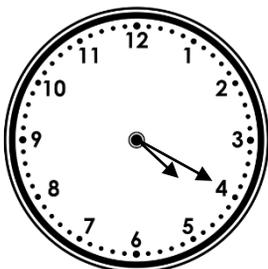
Is he correct?

Explain why.

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

He runs for 5 minutes in one direction and then runs 5 minutes back.
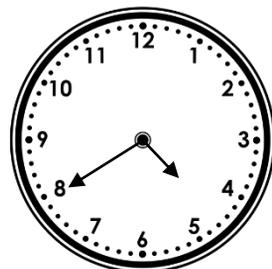
What time does he finish his run?

6b. Tianni goes swimming at 20 to 5.

She swims one length in 5 minutes and swims another length in 5 minutes.
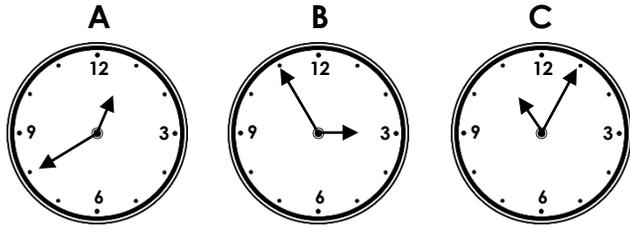
What time does she finish swimming?

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Reasoning and Problem Solving – Telling Time to 5 Minutes – Year 2 Expected

Telling Time to 5 Minutes

7a. Draw lines to match the correct times.

A   **B**   **C**

| 5 past 11 | 20 to 1 | 5 to 3 |

GD   PS

Telling Time to 5 Minutes

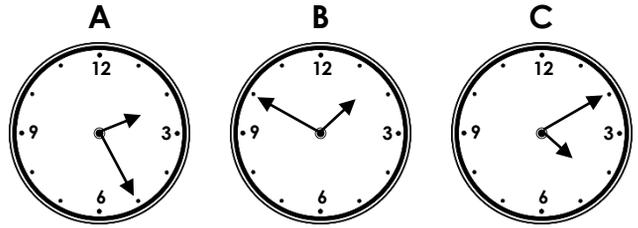**7b.** Draw lines to match the correct times.

A   **B**   **C**

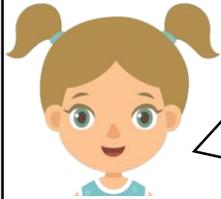| 10 past 4 | 10 to 2 | 25 past 2 |

GD   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.

GD   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.
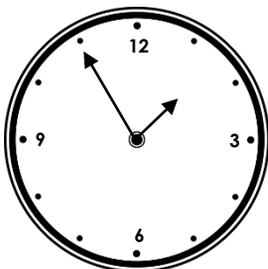
Is he correct?

Explain why.

GD   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?

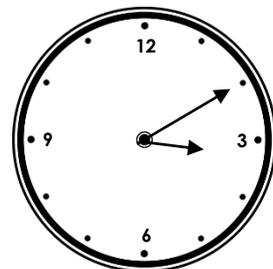GD   PS

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?

GD   PS

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Reasoning and Problem Solving – Telling Time to 5 Minutes – Year 2 Greater Depth

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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

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
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.

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
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

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