

# Reasoning and Problem Solving

## Step 3: Telling the Time to 5 Minutes

### National Curriculum Objectives:

Mathematics Year 3: (3M4c) [Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks](#)

Mathematics Year 3: (3M4d) [Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight](#)

### Differentiation:

Questions 1, 4 and 7 (Problem Solving)

**Developing** Find the odd one out by matching times given in words with times shown on analogue clocks. All clocks have all hours marked with numbers 1-12.

**Expected** Find the odd one out by matching times given in words with times shown on analogue clocks. All clocks have either 12, 3, 6 and 9 marked in numerals or all hours marked in Roman numerals.

**Greater Depth** Find the odd one out by matching times given in words with times shown on analogue clocks. All clocks have 12, 3, 6 and 9 hours marked in Roman numerals.

Questions 2, 5 and 8 (Reasoning)

**Developing** Explain which statement is correct regarding the position of the minute hand on an analogue clock (digits 1-12) at a given time.

**Expected** Explain which statement is correct regarding the position of the minute hand on an analogue clock (Roman numerals I-XII) at a given time.

**Greater Depth** Explain which statement is correct regarding the position of both hands on an analogue clock (Roman numerals (I-XII) at a given time.

Questions 3, 6 and 9 (Reasoning)

**Developing** Read a simple word problem and choose between two different times shown on analogue clocks. All clocks have all hours marked with numbers 1-12.

**Expected** Read a simple word problem and choose between two different times shown on analogue clocks. All clocks have either 12, 3, 6 and 9 marked in numerals or all hours marked in Roman numerals.

**Greater Depth** Read a simple word problem and choose between two different times shown on analogue clocks. All clocks have 12, 3, 6 and 9 hours marked in Roman numerals.

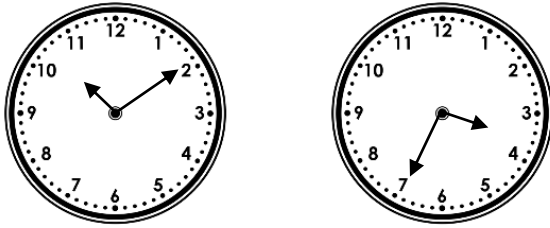
More [Year 3 Time](#) resources.

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

# Telling the Time to 5 Minutes

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1a. Find the odd one out.

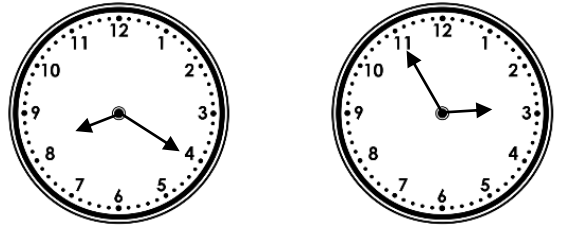


- A. Twenty-five minutes to four
- B. Twenty minutes past seven
- C. Ten minutes past ten



PS

1b. Find the odd one out.



- A. Five minutes to three
- B. Twenty minutes past eight
- C. Five minutes past three



PS

2a. Kris and Talia are drawing half past three on a clock.

Kris says,



The minute hand points at 3.

Talia says,



The minute hand points at 6.

Who is correct? Explain why.



R

2b. Chase and Leah are drawing twenty minutes to nine on a clock.

Chase says,



The minute hand points at 8.

Leah says,



The minute hand points at 9.

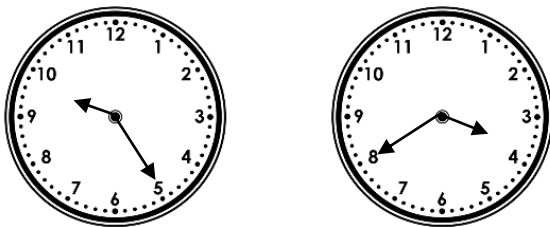
Who is correct? Explain why.



R

3a. Kendra's karate class starts at half past nine.

What is the best time for her to arrive?



A

B

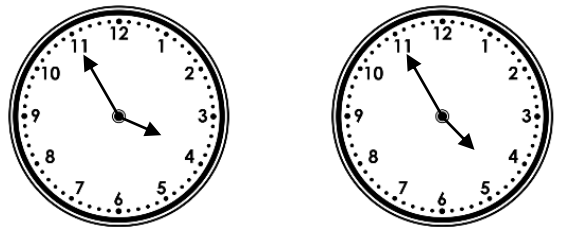
Explain why.



R

3b. Jorge's choir is performing at 4 o'clock.

What time should they be on the stage?



A

B

Explain why.

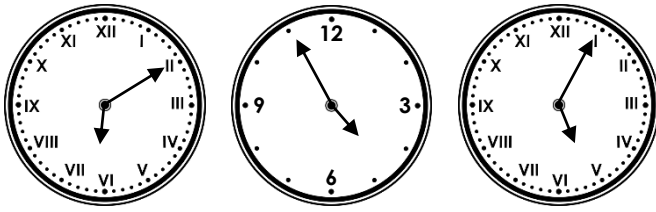


R

# Telling the Time to 5 Minutes

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4a. Find the odd one out.

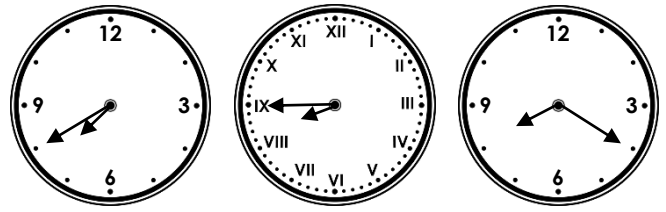


- A. Five minutes past five
- B. Ten minutes past six
- C. Twenty-five minutes past eleven
- D. Five minutes to five



PS

4b. Find the odd one out.



- A. Twenty minutes to eight
- B. Quarter to eight
- C. Quarter to nine
- D. Twenty minutes past eight



PS

5a. Kayla and Jerry are drawing twenty minutes to four on a clock.

Kayla says,



The minute hand points at VIII.

Jerry says,

The minute hand points at IV.



Who is correct? Explain why.



R

5b. Val and Caleb are drawing twenty-five minutes past one on a clock.

Val says,



The minute hand points at VII.

Caleb says,

The minute hand points at V.



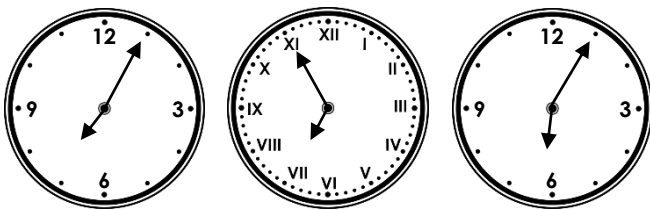
Who is correct? Explain why.



R

6a. Yolanda needs to leave for school by seven o'clock to arrive on time.

What is the best time for her to leave?



A

B

C

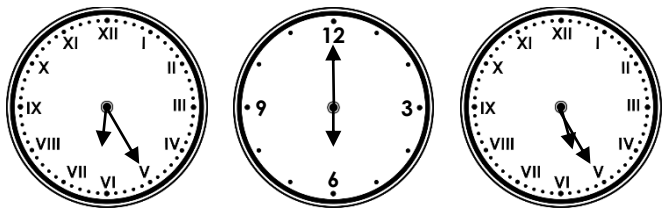
Explain why.



R

6b. David must arrive at the bus stop before half past five.

What is the best time for him to arrive?



A

B

C

Explain why.

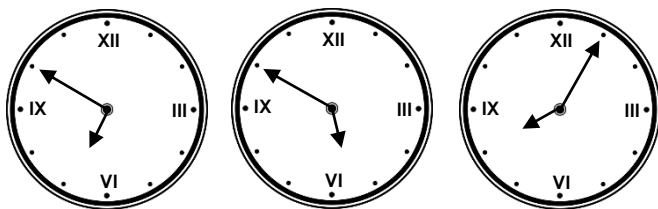


R

# Telling the Time to 5 Minutes

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7a. Find the odd one out.

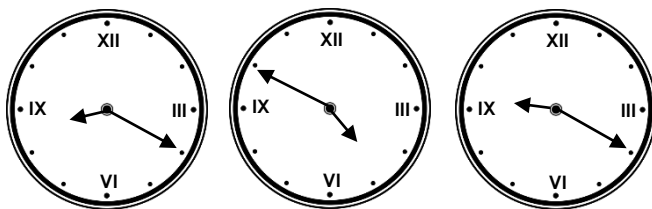


- A. Ten minutes to six
- B. Five minutes past nine
- C. Five minutes past eight
- D. Ten minutes to seven



PS

7b. Find the odd one out.



- A. Twenty minutes to nine
- B. Twenty minutes past nine
- C. Ten minutes to four
- D. Twenty minutes past eight



PS

8a. Joanne and Neil are drawing twenty-five minutes to four on a clock.

Joanne says,



The minute hand points at VII and the hour hand points just before IV.

Neil says,



The minute hand points at IV and the hour hand points just before VII.

Who is correct? Explain why.



R

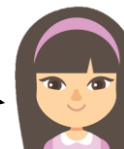
8b. Kai and Ying are drawing five to two on a clock.

Kai says,



The minute hand points at V and the hour hand points at II.

Ying says,



The minute hand points at XI and the hour hand points just before II.

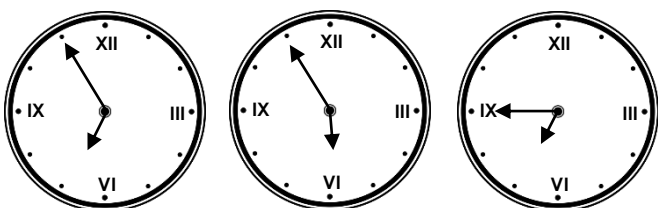
Who is correct? Explain why.



R

9a. The movie starts at ten to seven.

What is the latest time that Kendall should find her seat in the cinema?



A

B

C

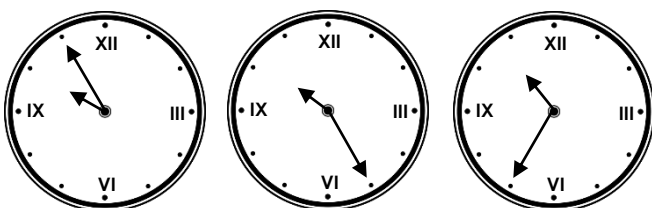
Explain why.



R

9b. Lorne finishes work at ten o'clock and the shop closes at half past ten.

What time can Lorne go to buy milk?



A

B

C

Explain why.



R

## Reasoning and Problem Solving Telling the Time to 5 Minutes

### Developing

- 1a. **B**  
2a. Talia is correct because the minute hand points at 6 for half past. Kris is describing quarter past or the position of the hour hand.  
3a. A because she will arrive 5 minutes early. B shows the time twenty minutes to four so she will either be very early or very late at this time.

### Expected

- 4a. **C**  
5a. Kayla is correct because the minute hand points at VIII or 8 for twenty minutes to. Jerry is describing twenty past.  
6a. B because she will get to school 5 minutes early. She will be late if she leaves at five minutes past seven (A) and too early if she leaves at five minutes past six (C).

### Greater Depth

- 7a. **B**  
8a. Joanne is correct. Neil is describing twenty past six.  
9a. C because she will be in her seat 5 minutes early. She will be 5 minutes late if she gets there at five minutes to seven (A) and too early if she gets there at five minutes to six (B).

## Reasoning and Problem Solving Telling the Time to 5 Minutes

### Developing

- 1b. **C**  
2b. Chase is correct because the minute hand points at 8 for twenty minutes to. Leah is describing quarter to.  
3b. A because they will be on stage 5 minutes early. B shows the time five minutes to five so they would be late at this time.

### Expected

- 4b. **B**  
5b. Caleb is correct because the minute hand points at 5 or V for twenty-five minutes past. Val is describing twenty-five to.  
6b. C because he will arrive at the bus stop 5 minutes early. He will be too late if he arrives at twenty-five minutes past six (A) or six o'clock (B).

### Greater Depth

- 7b. **A**  
8b. Ying is correct. Kai is describing twenty-five past two.  
9b. B because he will get to the shop 5 minutes before it closes. He will still be at work at five minutes to ten (A) and the shop will be closed at twenty-five minutes to eleven (C).