

Reasoning and Problem Solving

Step 3: Time to the Hour

National Curriculum Objectives:

Mathematics Year 1: (1M4a) [Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times](#)

Differentiation:

Questions 1, 4 and 7 (Reasoning)

Developing Read the time on two clocks and determine which clock is showing a given time to the hour. Using numbers only.

Expected Read the time on three clocks and determine which clock is showing a given time to the hour. Using numbers and words.

Greater Depth Read the time on three clocks and determine which clock is showing a given time to the hour, using numbers and words. Only 3, 6, 9 and 12 marked on clock face.

Questions 2, 5 and 8 (Problem Solving)

Developing Find the odd one out by matching one pair of clock faces and times. Using numbers only.

Expected Find the odd one out by matching two pairs of clock faces and times. Using numbers and words.

Greater Depth Find the odd one out by matching two pairs of clock faces and times. Using numbers and words. Only 3, 6, 9 and 12 marked on clock face.

Questions 3, 6 and 9 (Problem Solving)

Developing Identify the pattern and complete the times and clock faces, using numbers only.

Expected Identify the pattern and complete the times and clock faces, using numbers and words.

Greater Depth Identify the pattern and complete the times and clock faces, using numbers and words. Only 3, 6, 9 and 12 marked on clock face.

More [Year 1 Time](#) resources.

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Time to the Hour

1a. Two children show 10 o'clock on a clock.



Samir



Julian



Who is correct?
Explain how you know.



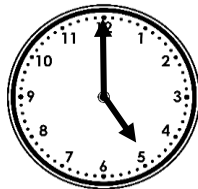
R

Time to the Hour

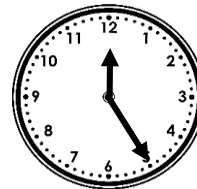
1b. Two children show 5 o'clock on a clock.



Chloe



Lewis

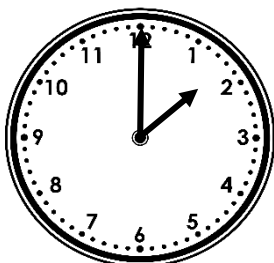


Who is correct?
Explain how you know.

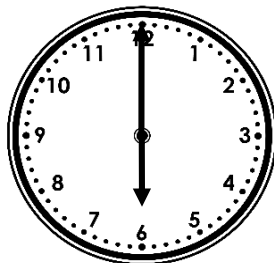


R

2a. Match the pair and find the odd one out.

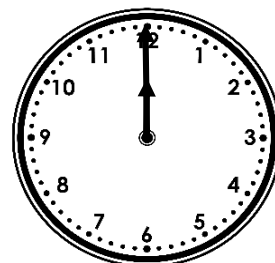


2 o'clock

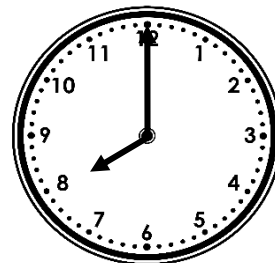


PS

2b. Match the pair and find the odd one out.



8 o'clock



PS

3a. Add the hands to each clock and write the times to complete the pattern.



___ o'clock

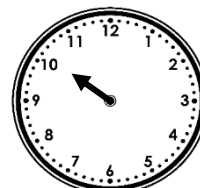
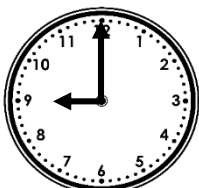
6 o'clock

7 _____



PS

3b. Add the hands to each clock and write the times to complete the pattern.



___ o'clock

10 o'clock

11 _____



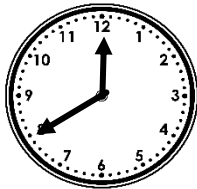
PS

Time to the Hour

4a. Two children show eight o'clock on a clock.



Tom



Jenny



Who is correct?
Explain how you know.



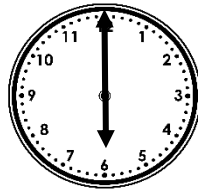
R

Time to the Hour

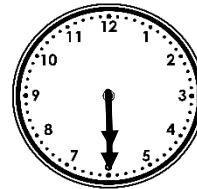
4b. Two children show six o'clock on a clock.



Max



Sophie



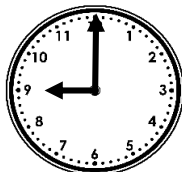
Who is correct?
Explain how you know.



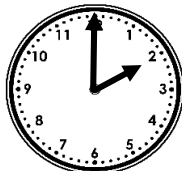
R

5a. Match two pairs and find the odd one out.

nine o'clock



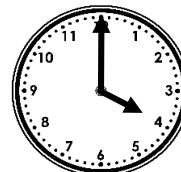
7 o'clock



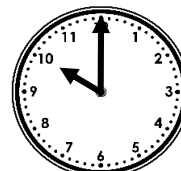
PS

5b. Match two pairs and find the odd one out.

10 o'clock

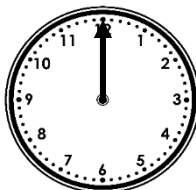
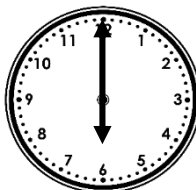


three o'clock



PS

6a. Add the hands to each clock and write the time in words to complete the pattern.



___ o'clock

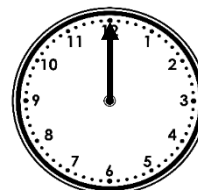
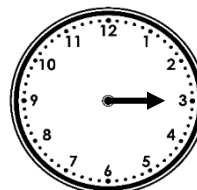
five o'clock

4 _____



PS

6b. Add the hands to each clock and write the time in words to complete the pattern.



___ o'clock

three
o'clock

4 _____



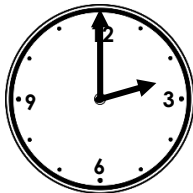
PS

Time to the Hour

7a. Two children show two o'clock on a clock.



Dan



Julie



Who is correct?
Explain how you know.



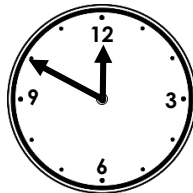
R

Time to the Hour

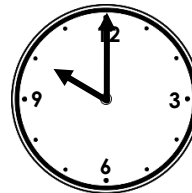
7b. Two children show ten o'clock on a clock.



Susie



Liam



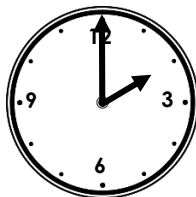
Who is correct?
Explain how you know.



R

8a. Match two pairs and find the odd one out.

8 o'clock



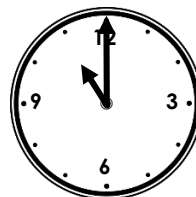
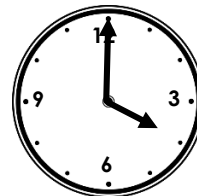
four o'clock



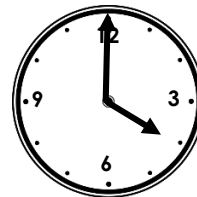
PS

8b. Match two pairs and find the odd one out.

ten o'clock

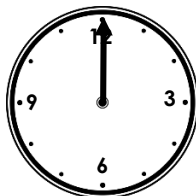
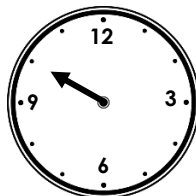
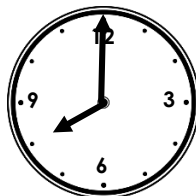


10 o'clock



PS

9a. Add the hands to each clock and write the time in words to complete the pattern.



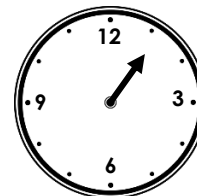
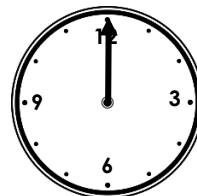
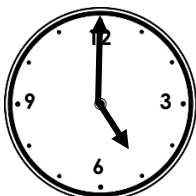
___ o'clock

ten o'clock



PS

9b. Add the hands to each clock and write the time in words to complete the pattern.



___ o'clock

three
o'clock

1 _____



PS

Reasoning and Problem Solving Time to the Hour

Developing

- 1a. Julian is correct because the minute hand is pointing to 12 and the hour hand is pointing to 10. Samir is not correct because the minute hand is pointing to 11.
- 2a. Clock face showing 6 o'clock.
- 3a. The clocks should have an hour hand at 6; a minute hand at 12. The times should be 5 o'clock and 7 o'clock.

Expected

- 4a. Jenny's clock is correct because the minute hand is pointing to twelve and the hour hand is pointing to eight. Tom is incorrect because the hands are the wrong way round.
- 5a. Clock face showing 2 o'clock.
- 6a. The clocks should have an hour hand at five; a minute hand at twelve. The times should be six o'clock and 4 o'clock.

Greater Depth

- 7a. Julie is correct because the minute hand is at 12 and the hour hand is at 2. Dan is incorrect as the hour hand is not pointing at 2.
- 8a. The words 8 o'clock
- 9a. The clocks should have a minute hand at twelve; an hour hand at twelve. The times should be eight o'clock and 12 twelve o'clock.

Reasoning and Problem Solving Time to the Hour

Developing

- 1b. Chloe is correct because the minute hand is pointing to 12 and the hour hand is pointing to 5. Lewis is incorrect because the hands are the wrong way round.
- 2b. Clock face showing 12 o'clock.
- 3b. The clocks should have a minute hand at 12; an hour hand at 11. The times should be 9 o'clock and 11 o'clock.

Expected

- 4b. Max's clock is correct because the minute hand is pointing to twelve and the hour hand is pointing to six. Sophie is incorrect because both hands are pointing at six.
- 5b. Clock face showing 4 o'clock.
- 6b. The clocks should have a minute hand at 12; an hour hand at four. The times should be two o'clock and 4 o'clock.

Greater Depth

- 7b. Liam is correct because the minute hand is on 12 and the hour hand is on 10. Susie is incorrect as the hands are the wrong way round.
- 8b. The words 11 o'clock
- 9b. The clocks should have an hour hand at three; a minute hand at twelve. The times should be five o'clock and 1 o'clock.