

Varied Fluency

Step 4: Analogue to Digital – 24 Hour

National Curriculum Objectives:

Mathematics Year 4: (4M4b) [Read, write and convert time between analogue and digital 12- and 24-hour clocks](#)

Mathematics Year 4: (4M4c) [Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days](#)

Differentiation:

Developing Questions to support using analogue to digital time (24 hour). Using 15 minute intervals, with fewer options to choose from.

Expected Questions to support using analogue to digital time (24 hour). Using 5 minute intervals, with more options to choose from.

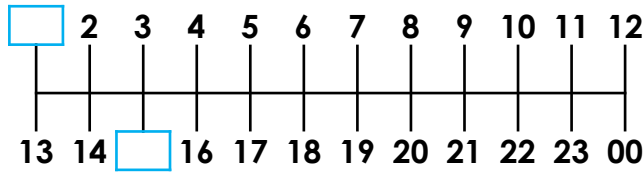
Greater Depth Questions to support using analogue to digital time (24 hour). Using 1 minute intervals, with even more options to choose from.

More [Year 4 Time](#) Resources.

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

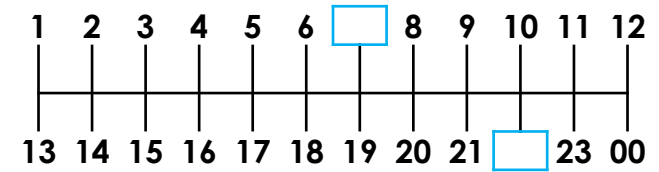
Analogue to Digital – 24 Hour

1a. Fill in the gaps on this 24-hour number line.



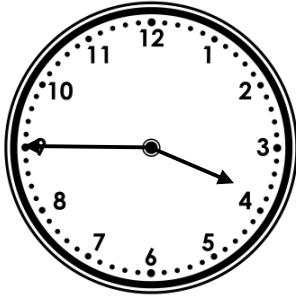
VF

1b. Fill in the gaps on this 24-hour number line.



VF

2a. Which 24-hour time matches the time on the analogue clock?



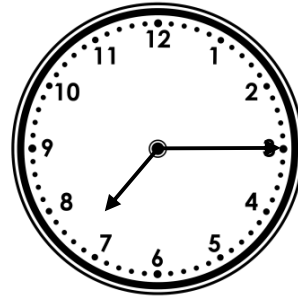
09:15

15:45



VF

2b. Which 24-hour time matches the time on the analogue clock?



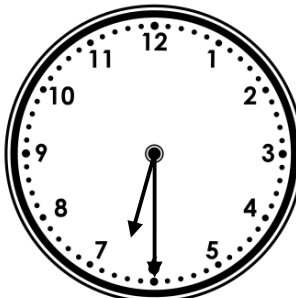
19:15

03:30



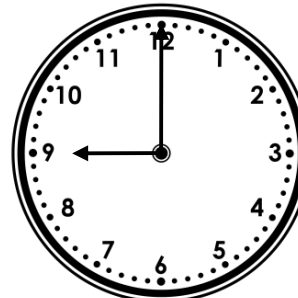
VF

3a. If a clock shows this time, the time could be 18:30; true or false?



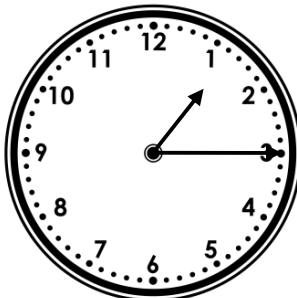
VF

3b. If a clock shows this time, the time could be 19:00; true or false?



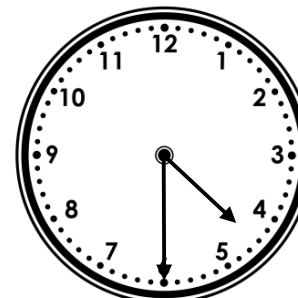
VF

4a. Look at this clock. Write the 24-hour time it would match in the morning and the evening.



VF

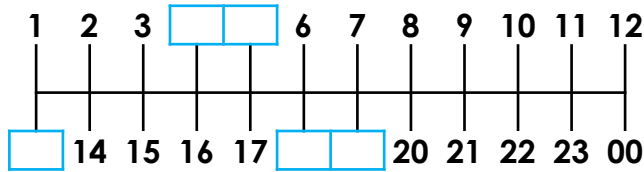
4b. Look at this clock. Write the 24-hour time it would match in the morning and the evening.



VF

Analogue to Digital – 24 Hour

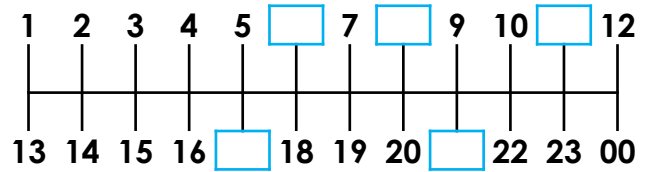
5a. Fill in the gaps on this 24-hour number line.



VF

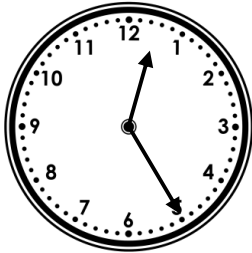
Analogue to Digital – 24 Hour

5b. Fill in the gaps on this 24-hour number line.



VF

6a. Which 24-hour time matches the time on the analogue clock?



13:25

01:05

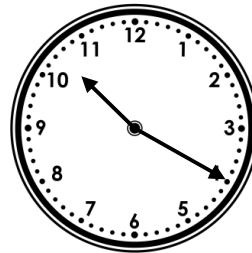
00:25

15:05



VF

6b. Which 24-hour time matches the time on the analogue clock?



10:40

22:20

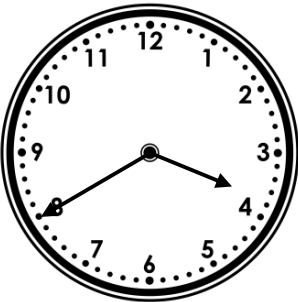
20:20

20:40



VF

7a. If a clock shows this time, the time could be 14:40; true or false?



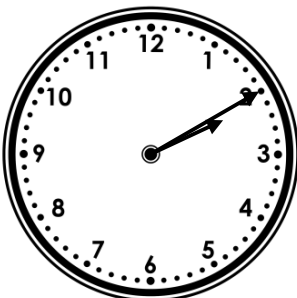
VF

7b. If a clock shows this time, the time could be 20:55; true or false?



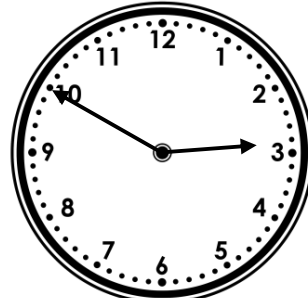
VF

8a. Look at this clock. Write the 24-hour time it would match in the morning and the evening.



VF

8b. Look at this clock. Write the 24-hour time it would match in the morning and the evening.

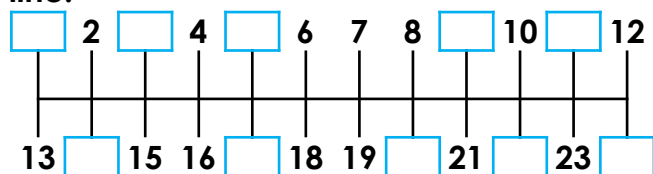


VF

Analogue to Digital – 24 Hour

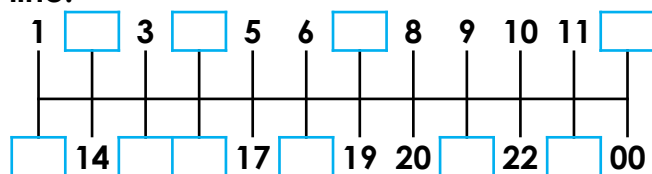
Analogue to Digital – 24 Hour

9a. Fill in the gaps on this 24-hour number line.



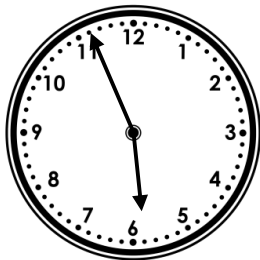
VF

9b. Fill in the gaps on this 24-hour number line.



VF

10a. Which 24-hour time matches the time on the analogue clock?



18:56

11:05

17:56

23:12

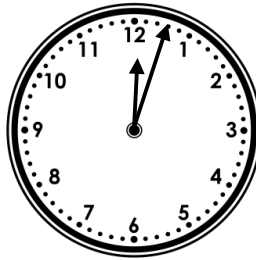
15:25

17:11



VF

10b. Which 24-hour time matches the time on the analogue clock?



01:12

11:04

13:12

00:03

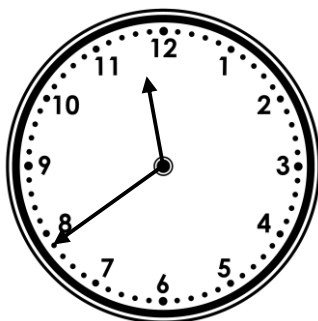
12:05

15:03



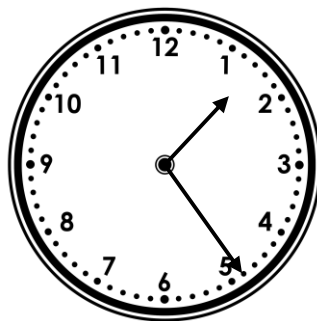
VF

11a. If a clock shows this time, the time could be 23:40; true or false?



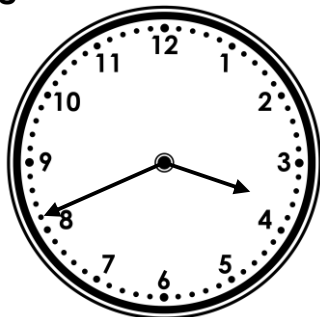
VF

11b. If a clock shows this time, the time could be 13:24; true or false?



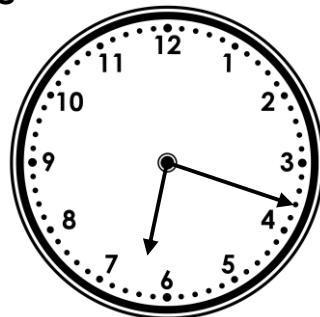
VF

12a. Look at this clock. Write the 24-hour time it would match in the morning and the evening.



VF

12b. Look at this clock. Write the 24-hour time it would match in the morning and the evening.

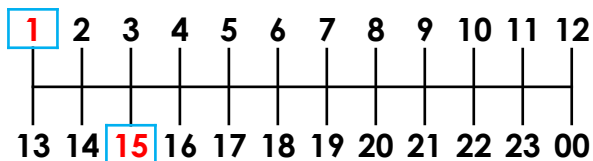


VF

Varied Fluency Analogue to Digital – 24 Hour

Developing

1a.



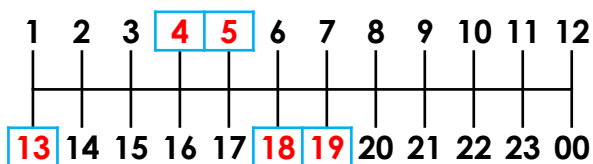
2a. **15:45**

3a. **True**

4a. **01:15, 13:15**

Expected

5a.



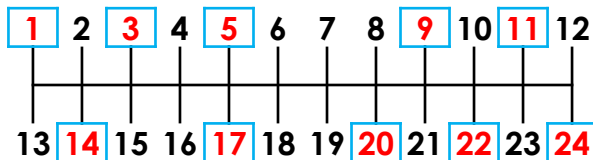
6a. **00:25**

7a. **False**

8a. **02:10, 14:10**

Greater Depth

9a.



10a. **17:56**

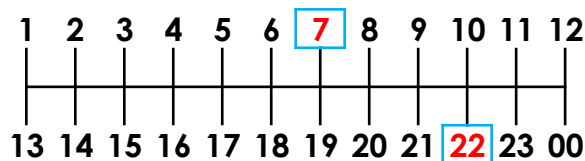
11a. **False**

12a. **03:41, 15:41**

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Developing

1b.



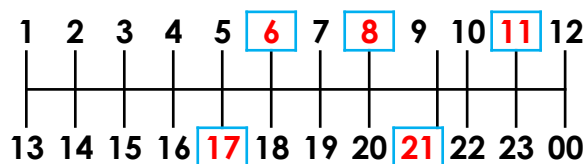
2b. **19:15**

3b. **False**

4b. **04:30, 16:30**

Expected

5b.



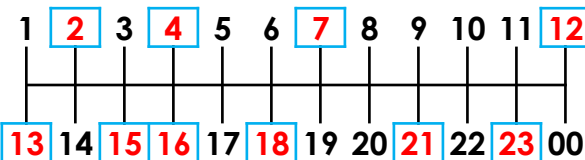
6b. **22:20**

7b. **True**

8b. **02:50, 14:50**

Greater Depth

9b.



10b. **00:03**

11b. **True**

12b. **06:18, 18:18**