

Varied Fluency

Step 6: 24-hour Clock

National Curriculum Objectives:

Mathematics Year 3: (3M4b) [Tell and write the time from an analogue clock 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:

Developing Questions to support learning 24-hour clock. Using 15 minute intervals, with more assistance and fewer options in questions.

Expected Questions to support learning 24-hour clock. Using 5 minute intervals, with less assistance and more options in questions.

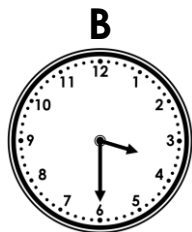
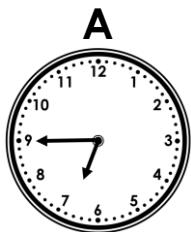
Greater Depth Questions to support learning 24-hour clock. Using 1 minute intervals, with no assistance and more options in questions.

More [Year 3 Time](#) resources.

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

24-hour Clock

1a. Match the analogue clocks to the 24-hour clocks which show the same time.



C
03:30

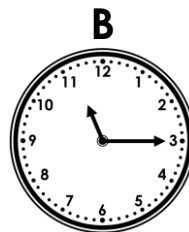
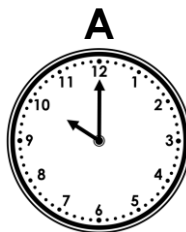
D
18:45



VF

24-hour Clock

1b. Match the analogue clocks to the 24-hour clocks which show the same time.



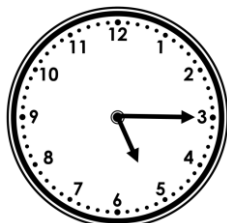
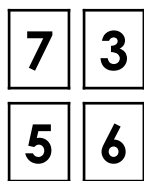
C
22:00

D
11:15



VF

2a. Choose number cards to fill in the 24-hour clocks with two times which match the analogue clock.



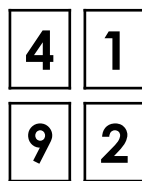
0 : 1 5

1 : 1 5



VF

2b. Choose number cards to fill in the 24-hour clocks with two times which match the analogue clock.



2 : 4 5

0 0 : 5



VF

3a. Which of these times is the earliest?
Which of these times is the latest?



B
22:30

C
08:30



VF

3b. Which of these times is the earliest?
Which of these times is the latest?

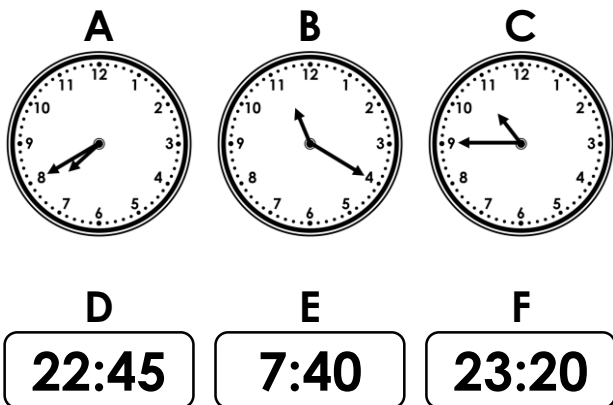
A
10:15



VF

24-hour Clock

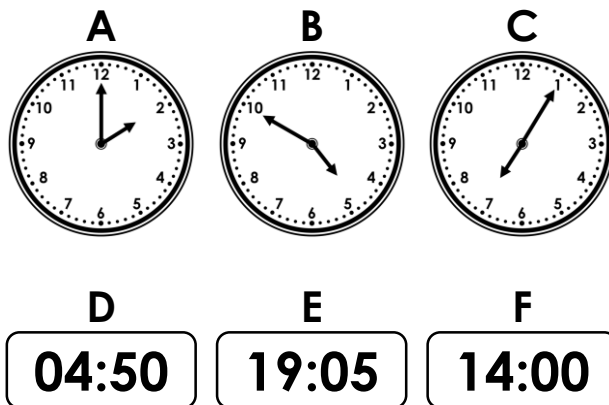
4a. Match the analogue clocks to the 24-hour clocks which show the same time.



VF

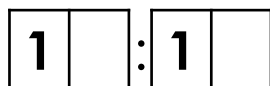
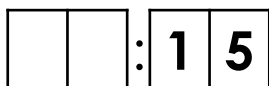
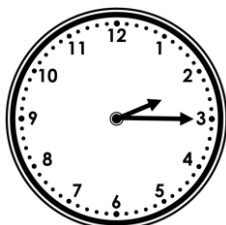
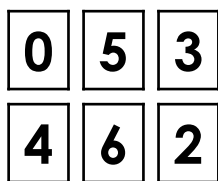
24-hour Clock

4b. Match the analogue clocks to the 24-hour clocks which show the same time.



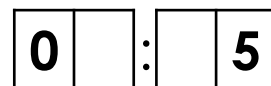
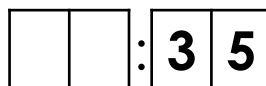
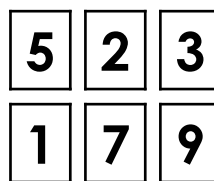
VF

5a. Choose number cards to fill in the 24-hour clocks with two times which match the analogue clock.



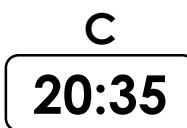
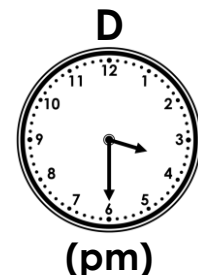
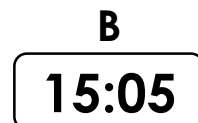
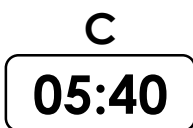
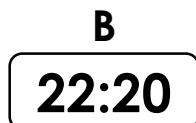
VF

5b. Choose number cards to fill in the 24-hour clocks with two times which match the analogue clock.



VF

6a. Which of these times is the earliest? Which of these times is the latest?






VF



VF

24-hour Clock

7a. Match the analogue clocks to the 24-hour clocks which show the same time.

A  **B**  **C** 




D **16:26** **E** **08:31** **F** **00:51**



VF

24-hour Clock

7b. Match the analogue clocks to the 24-hour clocks which show the same time.

A  **B**  **C** 


D **00:38** **E** **07:22** **F** **21:44**



VF

8a. Choose number cards to fill in the 24-hour clocks with two times which match the analogue clock.

3	4	2	3	1
1	3	2	2	1




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VF

8b. Choose number cards to fill in the 24-hour clocks with two times which match the analogue clock.

2	1	3	4	6
5	6	1	1	0

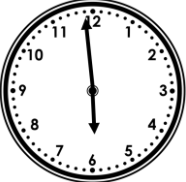


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VF


9a. Which of these times is the earliest?
Which of these times is the latest?

A  (pm)

B **10:24**

C  (pm)

D **09:14**


E  (am)

F **17:52**




VF


9b. Which of these times is the earliest?
Which of these times is the latest?

A  (am)

B **00:37**

C  (am)

D **22:41**

E  (pm)

F **01:12**



VF

Varied Fluency 24-hour Clock

Developing

- 1a. **A** matches with **D**. **B** matches with **C**.
2a. **05:15, 17:15**
3a. **A is earliest. B is latest.**

Expected

- 4a. **A** matches with **E**. **B** matches with **F**. **C** matches with **D**.
5a. **02:15, 14:15**
6a. **C is earliest. B is latest.**

Greater Depth

- 7a. **A** matches with **F**. **B** matches with **D**. **C** matches with **E**.
8a. **11:23, 23:23**
9a. **D is earliest. A is latest.**

Varied Fluency 24-hour Clock

Developing

- 1b. **A** matches with **C**. **B** matches with **D**.
2b. **12:45, 00:45**
3b. **B is earliest. A is latest.**

Expected

- 4b. **A** matches with **F**. **B** matches with **D**. **C** matches with **E**.
5b. **21:35, 09:35**
6b. **A is earliest. C is latest.**

Greater Depth

- 7b. **A** matches with **F**. **B** matches with **E**. **C** matches with **D**.
8b. **02:16, 14:16**
9b. **B is earliest. E is latest.**