Year 6 maths: 24-hour time, timetables and time zones (Easy)

Maths · Measurement
Level: Easy

Student: _____ Date: _____

Instructions
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

Questions

1. What is 7:15 pm in 24-hour time?

Circle one answer.

○ **A** 0715 ○ **B** 1715 ○ **C** 1915

2. What is 3:40 pm in 24-hour time?

Circle one answer.

○ **A** 0340 ○ **B** 1340 ○ **C** 1540

3. What is 8:50 am in 24-hour time?

Circle one answer.

○ **A** 1850 ○ **B** 0850 ○ **C** 2050

4. What is 2005 in 12-hour time?

Circle one answer.

○ **A** 8:05 pm ○ **B** 10:05 pm ○ **C** 8:05 am

5. Write 'quarter past four in the afternoon' in 24-hour time, as four digits like 0830.

_____

6. Tick every time that is the same as 1530.

Tick every answer that fits.

☐ **A** 3:30 pm

☐ **B** 3:30 am

☐ **C** half past three in the afternoon

☐ **D** 5:30 pm

7. Write 6:48 pm in 24-hour time, as four digits like 0725.

8. The clock shows a time in the evening. Which 24-hour time is it?

Circle one answer.



○ **A** 1825 ○ **B** 2025 ○ **C** 0825

9. A film starts at 11:35 am and ends at 1:20 pm. How many minutes does it run?

Answer: _____ minutes

Working:

10. It is 10:00 am in Sydney. Perth is 2 hours behind Sydney. What time is it in Perth?

Circle one answer.

○ **A** 12:00 noon ○ **B** 10:00 am ○ **C** 8:00 am

Answer key

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1. C — 1915
7:15 pm is after noon, so add 12 to the hour: 7 + 12 = 19. It is 1915.

2. C — 1540
3:40 pm is after noon, so add 12 to the hour: 3 + 12 = 15. It is 1540.

3. B — 0850
8:50 am is before noon, so the hour does not change. It is 0850.

4. A — 8:05 pm
20 is more than 12, so take 12 away: 20 - 12 = 8. It is after noon, so 8:05 pm.

5. 1615 (also accepted: 16.15)
Quarter past four in the afternoon is 4:15 pm, which is 1615 in 24-hour time.

6. A — 3:30 pm; C — half past three in the afternoon
1530 is 15 - 12 = 3 with 30 minutes, after noon: 3:30 pm, also said half past three in the afternoon.

7. 1848 (also accepted: 18.48)
6:48 pm is 12 + 6 = 18, so 1848.

8. B — 2025
The short hand is near 8 and it is evening, so 8 + 12 = 20. The minutes are 25: 2025.

9. 105 minutes
11:35 am to 12:00 noon is 25 minutes. Noon to 1:20 pm is 80 minutes. 25 + 80 = 105 minutes.

10. C — 8:00 am
Behind means earlier. 10:00 am − 2 hours = 8:00 am.