Year 3 maths: Time across the hour (Medium)

Maths · Measurement · Level: Medium

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. Which is the same as 200 minutes?

Circle one answer.

○ **A** 2 hours ○ **B** 3 hours 20 minutes

○ **C** 2 hours 20 minutes ○ **D** 3 hours

2. Rafi starts his paper round at 7:30 am. It takes 2 hours 15 minutes. Count on in 15-minute jumps. When does he finish?



start

_____

_____

3. The clock shows when a cricket match starts. It goes for 285 minutes. When does it end?



_____

_____

4. Ella got to the library at 3:05 after a 15-minute walk. When did she leave home?

Circle one answer.

○ **A** 2:05 ○ **B** 2:50 ○ **C** 3:20 ○ **D** 3:50

5. A swimming lesson ended at 5:10. It lasted 30 minutes. When did it start?



6. The camp bus arrived at 1:10 pm after a 40-minute drive. When did it leave?

Circle one answer.

○ **A** 12:30 pm ○ **B** 1:50 pm ○ **C** 12:30 am ○ **D** 1:30 pm

7. Swimming starts at 8:45 am and lasts 45 minutes. When does it finish?

Circle one answer.

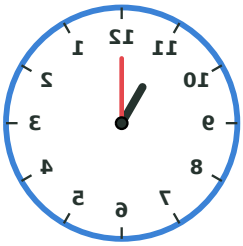
○ **A** 9:30 am ○ **B** 8:00 am ○ **C** 8:90 am ○ **D** 8:30 am

8. Tom saw these two clocks in a mirror, first one and then the other, on the same morning. How long was it between the two times?

Circle one answer.



First



Second

○ **A** 2 hours 30 minutes
○ **B** 9 hours 30 minutes
○ **C** 3 hours
○ **D** 2 hours 70 minutes

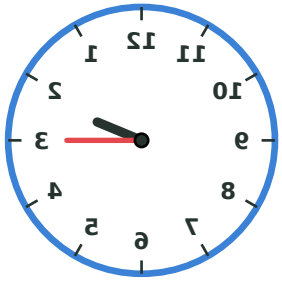
9. The pool is open from 8 am to 3 pm on Saturday and from 9 am to 12 noon on Sunday. How many hours is it open on the weekend?

Circle one answer.

○ **A** 10 hours ○ **B** 8 hours ○ **C** 7 hours

10. This clock is seen in a mirror. What will the real time be 90 minutes later?

Circle one answer.



○ **A** 4:15 ○ **B** 11:15 ○ **C** 3:45 ○ **D** 3:15

Answer key

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1. B — 3 hours 20 minutes
3 hours is 180 minutes. 200 − 180 = 20. So 200 minutes is 3 hours 20 minutes.

2. 9:45 (also accepted: 9:45 am, 9.45, 9.45 am)
2 hours 15 minutes is 135 minutes: 9 jumps of 15. From 7:30 am that lands on 9:45 am.

3. 4:50 (also accepted: 4.50, 4:50 pm)
285 minutes is 4 hours 45 minutes (4 × 60 = 240, and 45 more). 4 hours after 12:05 is 4:05. 45 minutes more is 4:50.

4. B — 2:50
Go back from 3:05: 5 minutes back is 3:00, then 10 more back is 2:50.

5. 4:40 (also accepted: 4.40)
3 jumps back of 10 minutes: 5:00, 4:50, 4:40.

6. A — 12:30 pm
Go back from 1:10 pm: 10 minutes back is 1:00 pm, then 30 more back is 12:30 pm.

7. A — 9:30 am
15 minutes takes 8:45 to 9:00. 30 more minutes is 9:30 am.

8. A — 2 hours 30 minutes
The real times are 8:30 and 11:00. 8:30 to 10:30 is 2 hours, and 10:30 to 11:00 is 30 minutes: 2 hours 30 minutes.

9. A — 10 hours
Saturday: 8 am to 12 noon is 4 hours, then 3 more: 7 hours. Sunday: 9 am to 12 noon is 3 hours. 7 + 3 = 10 hours.

10. C — 3:45
Swap left and right: the long hand is really on 3 and the short hand just past 2, so it is 2:15. 90 minutes is 1 hour 30 minutes: 3:45.