Test answers - Time: telling the time and durations

Year: Year 3 · Duration: 30 minutes · /20

Answer to Question 1 (4 marks)

a. The minute hand points to 6 (30 minutes) and the hour hand is between 4 and 5. The time is **4:30**, half past four. (1 mark)
b. The minute hand points to 9 (45 minutes) and the hour hand is nearly at 10. The time is **9:45**, quarter to ten. (1 mark)
c. Split the 25 minutes: 9:45 + 15 minutes = 10:00, then 10 more minutes gives **10:10**. (2 marks: 1 for crossing the hour, 1 for 10:10)

Answer to Question 2 (4 marks)

a. X is 10 and II is 2. Add them: 10 + 2 = **12**. XII is at the top of a Roman numeral clock. (1 mark)
b. V is 5 and III is 3. Add them: 5 + 3 = **8**. (1 mark)
c. It is p.m., so add 12 to the hour: 6 + 12 = 18. The time is **18:20**. (1 mark)
d. 13 is more than 12, so it is afternoon. 13 − 12 = 1, so 13:05 is **1:05 p.m.** (1 mark)

Answer to Question 3 (4 marks)

a. Each minute has 60 seconds: 4 × 60 = **240** seconds. (1 mark)
b. Each hour has 60 minutes: 3 × 60 = **180** minutes. (1 mark)
c. Each week has 7 days: 3 × 7 = **21** days. (1 mark)
d. September is one of the months with 30 days, so it has **30** days. (1 mark)

Answer to Question 4 (4 marks)

a. Jump from 5:35 to the next hour: 5:35 to 6:00 is 25 minutes. Then 6:00 to 6:20 is 20 minutes. 25 + 20 = **45 minutes**. (2 marks: 1 for the jumps, 1 for 45 minutes)
b. Split 50 minutes into 40 + 10. 6:20 + 40 minutes = 7:00, then 10 more minutes = **7:10 p.m.** (2 marks: 1 for reaching 7:00, 1 for 7:10 p.m.)

Answer to Question 5 (4 marks)

a. 09:40 to 10:00 is 20 min. 10:00 to 11:00 is 1 h. 11:00 to 11:55 is 55 min. Total **2**

hours 15 minutes (2)

b. 10:15 + 2 h = 12:15; + 10 min = **12:25** (1)

c. Train 1 arrives at 11:55 and train 2 at 12:25: **train 1** by 30 minutes. (1)