Test answers - Time to 5 minutes

Year: Year 2 · Duration: 30 minutes · /20

Answer to Question 1 (4 marks)

a. The long hand points to 12, so it is exactly on the hour, and the short hand points to 4. The time is **4 o'clock (4:00)**. (1 mark)
b. The long hand points to 6, which is 30 minutes, and the short hand is between 7 and 8. The time is **half past 7 (7:30)**. (1 mark)
c. The long hand points to 9, which is 45 minutes past, and the short hand is nearly at 3. Only 15 minutes are left before 3 o'clock, so it is **quarter to 3 (2:45)**. (2 marks: 1 for reading 45 minutes, 1 for the right hour)

Answer to Question 2 (4 marks)

a. The long hand points to 4. Count in 5s round the clock: 5, 10, 15, 20. The short hand is just past 5, so the time is **20 past 5 (5:20)**. (2 marks: 1 for the minutes, 1 for the hour)
b. The long hand points to 11: 11 × 5 = 55 minutes past 9. Only 5 minutes are left until 10, so it is **5 to 10 (9:55)**. (2 marks: 1 for 55 minutes, 1 for 5 to 10)

Answer to Question 3 (4 marks)

a. From 2:00 to 4:00 is 2 hours, then from 4:00 to 4:30 is 30 minutes. It takes **2 hours 30 minutes**. (1 mark)
b. From 5:15 to 6:00, count in 5s from 15 to 60: that is 45 minutes. It takes **45 minutes**. (1 mark)
c. Add the hour first: 3:30 + 1 hour = 4:30. Then add 15 minutes: 4:30 + 15 minutes = **4:45**, which is quarter to 5. (2 marks: 1 for adding the hour, 1 for 4:45)

Answer to Question 4 (4 marks)

a. The long hand goes once round the clock in an hour, so 1 hour = **60** minutes. (1 mark)
b. The short hand goes round the clock twice in a day, so 1 day = 12 + 12 = **24** hours. (1 mark)
c. Each hour is 60 minutes: 60 + 60 + 60 = **180** minutes, which is 3 × 60. (1 mark)
d. Half past means 30 minutes past the hour, so half past 6 is **6:30** on a digital clock. (1 mark)

Answer to Question 5 (4 marks)

a. Sam gets up at 7:15 and takes 30 minutes: 15 + 30 = 45, so he is ready at **7:45**. (1 mark)
b. Breakfast takes 15 minutes: 7:45 + 15 minutes reaches the next hour, so he finishes at **8:00**. (1 mark)
c. The walk takes 20 minutes: 8:00 + 20 minutes = **8:20**. (1 mark)
d. School starts at 8:45. Count on from 8:20: 10 minutes to 8:30 and 15 minutes to 8:45, so he is **25 minutes** early. (1 mark)