



KS2.M-Y3M3 Time: Clocks, Duration and Calendars

Calculators not allowed · about 45 minutes

Total Marks

Name: _____ Date: ____ / ____ / ____

Answer ALL questions. Show all your working.

- 1** Write the time shown on the clock. The hour hand is on 3 and the minute hand is on 12.

(1)

- 2** Write the time shown: the short hand is just after 7 and the long hand is on 6.

(1)

- 3** Tom starts his homework at 4:15. He finishes 25 minutes later. What time does Tom finish his homework?

(2)

- 4** A film starts at 2:20 pm and lasts for 1 hour 45 minutes. What time does the film finish?

(2)

- 5** Sarah checks the clock at 9:50. She has a 20-minute walk to school. She arrives at school at what time?

(1)

- 6** The school day starts at 8:55 and ends at 3:15. How many hours and minutes long is the school day?

(2)

- 7** Write the time that is 2 hours and 15 minutes after 11:30.

(1)

- 8** A baker starts making bread at 5:40 am. The process takes 2 hours 30 minutes. At what time is the bread ready?

(2)

- 9** Ali got on a train at 10:05. The journey lasted 1 hour 5 minutes. What time did Ali get off the train?

(1)

- 10** A clock shows the minute hand at 3. What minute is this? Write the answer in minutes past the hour.

(1)

- 11** Complete the calendar question. If today is Wednesday 14 March, what date will it be in 9 days' time? (Give day and date.)

(2)

12 There are 24 hours in one day. How many hours are there in 3 days and 6 hours?

(1)

13 Liam practises piano every Monday and Thursday. If today is Thursday 3 June, how many days until his next practice?

(2)

14 Explain your answer. Which is longer: 45 minutes or three quarters of an hour? Write a sentence to explain why.

(2)

15 How many minutes are there between 2:25 and 4:00? Give the answer in minutes.

(2)

16 If a digital clock shows 09:05, what time was it 15 minutes earlier?

(1)

17 A school fair starts at 10:40 and lasts for 3 hours 20 minutes, including a 30-minute break. How much time is spent on activities (not the break)?

(2)

18 Explain your answer. Which is longer: half an hour or 25 minutes? Write one sentence to explain why.

(2)

Mark scheme · KS2.M-Y3M3 Time: Clocks, Duration and Calendars

Question 1

- **B1** 3:00 or 3 o'clock cao
- Answer: **3:00**

Question 2

- **B1** 7:30 or half past 7 cao
- Answer: **7:30**

Question 3

- **M1** Add 25 minutes to 4:15 seen ($4:15 + 20 = 4:35$, $+5 = 4:40$) oe
- **B1** 4:40 cao
- Answer: **4:40**

Question 4

- **M1** Add 1 hour to 2:20 and then add 45 minutes ($3:20 + 45 = 4:05$) or equivalent method
- **B1** 4:05 pm cao
- Answer: **4:05**

Question 5

- **B1** 10:10 cao
- Answer: **10:10**

Question 6

- **M1** Find difference: 8:55 to 15:15 seen (for example 8:55 to 9:00 then to 15:15) or convert to minutes
- **B1** 6 hours 20 minutes cao
- Answer: **6 hours 20 minutes**

Question 7

- **B1** 13:45 or 1:45 pm cao
- Answer: **1:45**

Question 8

- **M1** Add 2 hours to 5:40 (7:40) and add 30 minutes = 8:10 or equivalent
- **B1** 8:10 am cao
- Answer: **8:10**

Question 9

- **B1** 11:10 cao
- Answer: **11:10**

Question 10

- **B1** 15 minutes past cao
- Answer: **15**

Question 11

- **M1** Counting forward 9 days from 14 March seen ($14 + 9 = 23$) or relating weeks and days
- **B1** Friday 23 March cao
- Answer: **Friday 23 March**

Question 12

- **B1** 78 cao
- Answer: **78**

Question 13

- **M1** Find next practice on Monday; count days Thursday->Monday = 4 days seen
- **B1** 4 days cao
- Answer: **4 days**

Question 14

- **M1** State equivalence or show $\frac{3}{4}$ of 60 = 45, e.g. $60 \times \frac{3}{4} = 45$ or 3 quarters of 60 = 45
- **B1** Conclude they are equal or same length cao
- Answer: **They are equal**

Question 15

- **M1** Find difference: 2:25 to 3:00 = 35 minutes and 3:00 to 4:00 = 60 minutes (or convert 2:25 to minutes and 4:00 to minutes) seen
- **B1** 95 minutes cao
- Answer: **95**

Question 16

- **B1** 08:50 cao
- Answer: **08:50**

Question 17

- **M1** Subtract 30 minutes from 3 hours 20 minutes seen ($3:20 - 0:30$ or convert to minutes $200 - 30$)
- **B1** 2 hours 50 minutes cao
- Answer: **2 hours 50 minutes**

Question 18

- **M1** Show equivalence or compare: half an hour = 30 minutes seen
- **B1** State half an hour is longer because $30 > 25$ cao
- Answer: **Half an hour is longer**