

Max's Magnificent Time Challenge

Learning objective: To read, write and convert time between analogue and digital 12-hour and 24-hour clocks, and solve problems involving duration.

Help Max the monkey solve these time-based puzzles! Read each question carefully and write your answers in the spaces provided.

Answer Key: 1) C (15:00), 2) True, 3) 45 minutes, 4) B (08:15), 5) False (It is 12:00), 6) 30 minutes, 7) A (20:30), 8) True, 9) 1 hour 15 minutes, 10) 60 seconds.

Word bank: analogue · digital · duration · interval · midnight · midday · seconds · minutes · hours

1. Max sees the clock show 3 o'clock in the afternoon. What is this in 24-hour time? A) 03:00, B) 12:00, C) 15:00*, D) 17:00 (1 mark)

2. True or False: There are 60 minutes in one hour. (1 mark)

3. If a maths lesson starts at 09:00 and ends at 09:45, what is the duration of the lesson? (1 mark)

4. Which digital time shows 'quarter past eight' in the morning? A) 08:00, B) 08:15*, C) 08:30, D) 08:45 (1 mark)

5. True or False: 12:00 at night is known as midday. (1 mark)

6. Max waits for the bus. If it arrives at 14:15 and he boards it at 14:45, how many minutes did he wait? (1 mark)

7. Which of these is the correct way to write half past eight at night in 24-hour format? A) 20:30*, B) 08:30, C) 21:30, D) 18:30 (1 mark)

8. True or False: An analogue clock face has numbers from 1 to 12. (1 mark)

9. A film starts at 16:00 and finishes at 17:15. How long was the film in hours and minutes? (1 mark)

10. How many seconds are there in one minute? (1 mark)

Draw: Draw an analogue clock face showing the time 4:45. Make sure the hour hand is positioned correctly between the 4 and the 5!



Extension challenge: Max has £5.00 to spend on snacks at the cinema. If a bag of popcorn costs £1.50 and a drink costs £1.25, how much change will he get from his £5.00 note if he buys one of each?