Worked answers | Time

Unit conversions

6 questions | 7 marks

Equivalent correct methods earn the corresponding marks.

1. Convert 4 minutes to seconds. [1 mark]

4 × 60 = 240.

Answer: 240 seconds.

2. Convert 2 hours to minutes. [1 mark]

2 × 60 = 120.

Answer: 120 minutes.

3. Convert 1 hour 20 minutes to minutes. [1 mark]

60 + 20 = 80.

Answer: 80 minutes.

4. Write 125 minutes as hours and minutes. [1 mark]

120 minutes makes 2 hours, leaving 5 minutes.

Answer: 2 hours 5 minutes.

5. Convert 2 days to hours. [1 mark]

2 × 24 = 48.

Answer: 48 hours.

6. Luca says 3 minutes 20 seconds is 320 seconds. Correct his answer. [2 marks]

3 minutes is 180 seconds.

180 + 20 = 200 seconds; time units are not groups of 100.

Answer: 200 seconds.