Solving Problems with Time

Intervals, time conversions and timetables



Name _____ Date _____

Show your working and include the correct units in your answers.

1 Calculate time intervals

Work out the elapsed time or finishing time.

1 A documentary begins at 16:38 and lasts 1 hour 47 minutes. At what time does it end?

Working _____

End time _____

2 A train leaves at 09:52 and arrives at 11:17. How long is the journey?

Working _____

Journey time _____

3 A cake goes into the oven at 14:26 and comes out at 15:05. How long was it in the oven?

Working _____

Time in oven _____

2 Convert units of time

Remember to write the unit.

4 **3 h 25 min = _____ min**

Working _____

5 **215 min = ____ h ____ min**

Working _____

6 **2 days 7 h = _____ h**

Working _____

7 **4,500 seconds = ____ min ____ s**

Working _____

3 Read the timetable

Town Centre → Riverside Museum

Stop	Bus A	Bus B	Bus C	Bus D
Town Centre	09:05	09:35	10:05	10:35
Market Square	09:13	09:43	10:13	10:43
Riverside Museum	09:28	09:58	10:28	10:58

8 How long does Bus B take to travel from Town Centre to Market Square?

Working _____

Time _____

9 Priya reaches Town Centre at 09:42. Which bus can she catch next, and when will it reach the museum?

Working _____

Bus and time _____

10 A museum visit begins at 10:15. What is the latest bus from Town Centre that will get you there at least 10 minutes early?

Working _____

Bus _____

☐ I checked that my answers include units.