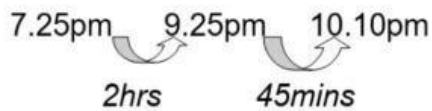


Time Durations

Core:

Example 1

A movie starts at 7.25pm and ends at 10.10pm. How long does it last?



It lasts 2hr 45mins

Example 2

Simon trains from 1820 until 1955. How long does Simon train?



He trains for 1hr 35mins



Ex 1. (AM & PM Questions) Calculate the length of time between:

1. 7.25am & 8.45am
2. 6.15am & 8.50am
3. 10.15am & 11.30am
4. 1.20pm & 4.50pm
5. 11.20am & 12.55am
6. 8.15am & 10.35am
7. 4.25pm & 7.50pm
8. 6.10pm & 10.45pm

Ex 2. (24 Hour Time Questions) Calculate the length of time between:

1. 0715 & 1045
2. 0930 & 1250
3. 1615 & 1750
4. 2105 & 2220
5. 1110 & 1250
6. 1405 & 1725
7. 2025 & 2255
8. 1505 & 1745

Extension

These are "problem solving" time questions. Set out your answers as you have for the questions already.



Problem Solving With Time Intervals

Question 1: Olivia does her Maths, French and History homework
It takes her a total of three hours.

She spends 70 minutes on her History homework.
Olivia spends 15 minutes less on her Maths homework than her History homework.

How many minutes does Olivia spend doing her French homework?

Question 2: A train leaves Cardiff at 10:45am.
It takes 39 minutes to reach Bristol.

What time did the train reach Bristol?

Question 3: Rosie finished a puzzle in 16 minutes 22 seconds.
Heather finished 5 minutes 40 seconds after Rosie.
Tilly finished 12 minutes 15 seconds before Heather.

How long did Tilly take to complete the puzzle?

Question 4: Connor's watch is 19 minutes fast.
Joseph's watch is 8 minutes slow.
The time on Connor's watch is 17:02

What time is shown on Joseph's watch?

Question 5: A bus leaves Antrim every 21 minutes
A train leaves Antrim every 30 minutes
At 6am, a bus and a train leave Antrim at the same time.

(space for working and answers)