

Calculating time: introduction

At Level 1 you must be able to calculate using time. The factsheets will explain how to do this. The worksheets will help you to practise these skills.

To calculate with just hours or just minutes you add them or take them away:

Example 1: add together ten minutes and seven minutes.

Answer: $10 + 7 = 17$ minutes.

Example 2: what is five hours take away two hours?

Answer: $5 - 2 = 3$ hours.

When we are dealing with hours and minutes together it can take more steps to get to the answer.

Example 3: what is two hours and twenty minutes added to six hours and forty minutes?

Answer: there are different methods of getting to the answer. These methods will be explained in the factsheet **Working with hours and minutes**.

First we will look at how to **convert** between units of time, between hours and minutes.

There are 60 minutes in 1 hour.

Example 4: what is 90 minutes expressed in hours and minutes?

Answer: divide by 60 to get the number of hours.

$$90 \div 60 = 1 \text{ (with 30 left over).}$$

The answer is **1 hour and 30 minutes**.

Example 5: what is 2 hours and 25 minutes expressed as minutes?

Answer: multiply the hours by 60 to change them into minutes.

$$2 \times 60 = 120$$

Add this to the 25 minutes.

$$120 + 25 = 145$$

The answer is **145 minutes**.

Feeling confident? Have a go at the worksheet **Converting between hours and minutes**.