

Converting hours into minutes

2 hours and 30 minutes

There are 60 minutes in an hour, to work out how many minutes are in 2 hours, you need to multiply 2 by 60.

This can be done in a simpler way:

$$2 \times 6 = 12$$

$$12 \times 10 = \mathbf{120}.$$

However, you also need to add on the 30 minutes:

$$\begin{array}{r} 120 \\ + 30 \\ \hline 150 \end{array}$$

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Try these:

- 1.** 4 hours and 20 minutes

$$4 \times 60$$

$$4 \times 6 = \underline{\quad} \times 10 = \underline{\quad}$$

$$\underline{\quad} + 20 = \underline{\quad}$$

- 2.** 1 hour and 15 minutes

- 3.** 3 hours and 10 minutes

- 4.** 5 hours

- 5.** 6 hours and 25 minutes

- 6.** 5 hours and 55 minutes

- 7.** 8 hours and 5 minutes

- 8.** 10 hours and 45 minutes

- 9.** 9 hours and 35 minutes

- 10.** 7 hours and 40 minutes

Extension

- How many minutes are in one hour?
- How many seconds are in a minute?
- How many hours are in a day?
- How many days are in a week?
- How many minutes in half an hour?
- How many hours in half a day?
- How many days are in 3 weeks?
- How many hours in a quarter of a day?
- How many seconds are in 2 minutes?
- How many seconds are in 5 minutes?
- How many days are in 10 weeks?
- How many minutes are in 10 hours?