



Eleven Plus Maths How To Do - Time - The Four Rules - Subtraction

60 seconds = 1 minute

60 minutes = 1 hour

(1) Example: 12 hrs 14 min - 9 hrs 28 min

Put the headings

$$\begin{array}{r} \text{(a)} \quad \text{hrs} \quad \text{min} \\ 12 \quad 14 \\ - 9 \quad 28 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 46 \\ \hline \end{array}$$

14 take away 28 cannot be done. Take 1 hr and change it into minutes. Add the 60 min to 14 min. Now subtract 74 take away 28 = 46.
11 - 9 = 2.

$$\begin{array}{r} \text{(b)} \quad \text{hrs} \quad \text{min} \\ 12 \quad 74 \\ - 9 \quad 28 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 46 \\ \hline \end{array}$$

In the equal addition method you give 60 min to the minutes in the top line and 1 hr to the hours in the bottom line.

(2) Example: 5 hrs 10 min 20 sec - 1 hr 50 min 33 sec

$$\begin{array}{r} \text{hr} \quad \text{min} \quad \text{sec} \\ 5 \quad 10 \quad 20 \\ - 1 \quad 50 \quad 33 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 19 \quad 47 \\ \hline \end{array}$$

20 take away 33 cannot be done. Take 1 minute from the 10 min and change it into seconds (60 seconds) 60 + 20 = 80. 80 take away 33 = 47.
9 min take away 50 cannot be. Take 1 hour from the 5 hours and change it into minutes (60 mins) 60 + 9 = 69
69 - 50 = 19
4 - 1 = 3

$$\begin{array}{r} \text{hr} \quad \text{min} \quad \text{sec} \\ 5 \quad 10 \quad 20 \\ - 1 \quad 50 \quad 33 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 19 \quad 47 \\ \hline \end{array}$$

20 take away 33 cannot be done. Give 60 seconds to the 20 secs and 1 minute to the 50 min. 80 - 33 = 47.
10 minutes take away 51 cannot be. Give 60 min to the 10 min and 1 hour to the 1 hr 70 - 51 = 19.

