



## How to Convert Hours to Minutes?

**FREE Worksheet - 6**

**Time: 10 minutes**

(Detailed solutions at the end)

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1. Shakira slept for 9 h 30 min.

Write this time in minutes.



Answer: \_\_\_\_\_ minutes



2. The carpenter took 9 h 53 min to make a table.

How many minutes did he take to make the table?



Answer: \_\_\_\_\_ minutes

3. How many minutes are there in 8 h 13 min?

Answer: \_\_\_\_\_ minutes



4. Steven jogs for 5 hours each week.

How many minutes does he spend jogging each week?



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Answer: \_\_\_\_\_ minutes



## SOLUTIONS

### Problem 1

We know,

$$1 \text{ h} = 60 \text{ min}$$

So,

$$\begin{aligned} 9 \text{ h} &= 9 \times 60 \text{ min} \\ &= 540 \text{ min} \end{aligned}$$

Therefore,

$$\begin{aligned} 9 \text{ h} + 30 \text{ min} &= 540 \text{ min} + 30 \text{ min} \\ &= 570 \text{ min} \end{aligned}$$

### Problem 2

We know,

$$1 \text{ h} = 60 \text{ min}$$

So,

$$\begin{aligned} 9 \text{ h} &= 9 \times 60 \text{ min} \\ &= 540 \text{ min} \end{aligned}$$

Therefore,

$$\begin{aligned} 9 \text{ h} + 53 \text{ min} &= 540 \text{ min} + 53 \text{ min} \\ &= 593 \text{ min} \end{aligned}$$

He took 593 minutes to make the table.



**Problem 3**

We know,

$$1 \text{ h} = 60 \text{ min}$$

So,

$$\begin{aligned} 8 \text{ h} &= 8 \times 60 \text{ min} \\ &= 480 \text{ min} \end{aligned}$$

Therefore,

$$\begin{aligned} 8 \text{ h} + 13 \text{ min} &= 480 \text{ min} + 13 \text{ min} \\ &= 493 \text{ min} \end{aligned}$$

There are 493 minutes in 8 h 13 min.

**Problem 4**

We know,

$$1 \text{ h} = 60 \text{ min}$$

So,

$$\begin{aligned} 5 \text{ h} &= 5 \times 60 \text{ min} \\ &= 300 \text{ min} \end{aligned}$$

He spends 300 minutes jogging each week.