



How to Convert Hours to Minutes?

FREE Worksheet - 4

Time: 10 minutes

(Detailed solutions at the end)

1. How many minutes are there in 8 h 35 min?

Answer: _____ minutes

2. Jada waited at the airport for 2 h 35 min.

Write this time in minutes.



Answer: _____ minutes



3. Emily set a timer for 325 minutes.

How many hours and minutes are there in 325 minutes?



Answer: _____

4. Eddie took 8 hours to revise for the exam.

How many minutes did he take to revise for the exam?



Answer: _____ minutes



SOLUTIONS

Problem 1

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,

$$\begin{aligned} 8 \text{ h} + 35 \text{ min} &= 480 \text{ min} + 35 \text{ min} \\ &= 515 \text{ min} \end{aligned}$$

Problem 2

We know,

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

So,

$$\begin{aligned} 2 \text{ h} &= 2 \times 60 \text{ min} \\ &= 120 \text{ min} \end{aligned}$$

Therefore,

$$\begin{aligned} 2 \text{ h} + 35 \text{ min} &= 120 \text{ min} + 35 \text{ min} \\ &= 155 \text{ min} \end{aligned}$$



Problem 3

$$\begin{aligned} 325 \text{ min} &= 300 \text{ min} + 25 \text{ min} \\ &= 5 \text{ h} + 25 \text{ min} \\ &= 5 \text{ h } 25 \text{ min} \end{aligned}$$

There are 5 h 25 min in 325 minutes.

Problem 4

We know,

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

So,

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

He took 480 minutes to revise for the exam.