

Name: Class:

How to convert between hours and fraction of hours

1. 60 minutes = _____ hour

Conversion chart.
 15 minutes = 1 quarter of an hour
 30 minutes = half an hour
 60 minutes = 1 hour.

2. _____ of an hour = 2 quarter of an hour

3. 4 half hours = _____ hours

4. 5 quarter hours = _____ hour _____ minutes



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How to convert between hours and fraction of hours

1. 60 minutes = _____ hour

We know that 60 minutes = 1 hour

So, 60 minutes = 1 hour.

Conversion chart.
 15 minutes = 1 quarter of an hour
 30 minutes = half an hour
 60 minutes = 1 hour.

2. _____ of an hour = 2 quarter of an hour

If 1 quarter of an hour = 15 minutes,

Then, 2 quarter of an hour = 15 minutes + 15 minutes,
= 30 minutes

We know that, 30 minutes is equal to half an hour

So, half of an hour = 2 quarter of an hour.

3. 4 half hours = _____ hours

If half of an hour = 30 minutes

Then 4 half hours = 30 minutes + 30 minutes + 30 minutes + 30 minutes
= 60 minutes + 60 minutes

Now, let's convert 60 minutes to hour.

If 60 minutes = 1 hour,

Then 60 minutes + 60 minutes = 1 hour + 1 hour
= 2 hoursTherefore, 4 half hours = 2 hours.

4. 5 quarter hours = _____ hour _____ minutes

If 1 quarter of an hour = 15 minutes

Then 5 quarter hours = 15 minutes + 15 minutes + 15 minutes + 15 minutes + 15 minutes
= 30 minutes + 30 minutes + 15 minutes
= 60 minutes + 15 minutes

If 60 minutes = 1 hour,

Therefore, 5 quarter hours = 1 hour 15 minutes.