

Did you know that.....?

15 seconds = $\frac{1}{4}$ minute

30 seconds = $\frac{1}{2}$ minute

45 seconds = $\frac{3}{4}$ minute

60 seconds = 1 minute,

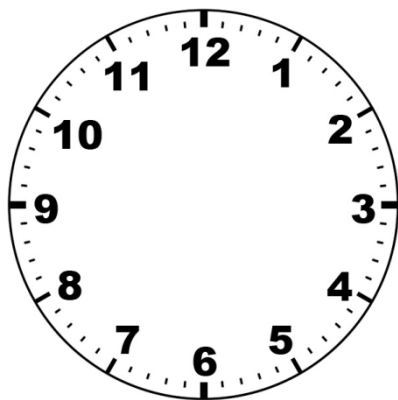
15 minutes = $\frac{1}{4}$ hour

30 minutes = $\frac{1}{2}$ hour

45 minutes = $\frac{3}{4}$ hour

1 hour = 60 minutes,

1 day = 24 hours



60 seconds = 1 minute

60 minutes = 1 hour

24 hours = 1 day

7 days = 1 week

52 weeks = 1 year

10 years = 1 decade

100 years = 1 century

1000 years = 1 millennium

What if we wanted to convert minutes into hours?

To convert seconds into minutes, and minutes into hours, we multiplied the number of minutes by the amount of seconds in a minute (60).

How could we calculate this?

30 minutes

55 minutes

So what if we were converting minutes into seconds?

How many seconds is 160 minutes?

How many seconds is 1240 minutes?

What if we wanted to convert seconds into minutes?

360 seconds = _____ minute

480 seconds = _____ minutes

1260 seconds?

Challenge:

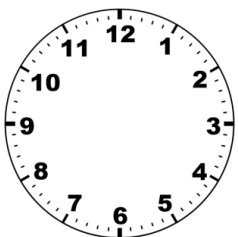
A film runs for 6 hours and 35 minutes, how many minutes is this in total? How many seconds is this in total?

If the film started at 14.15, what time it would finish? Write your answer in 12 & 24 hour clock.

I made a clay cup. The instruction says to bake the cup in kiln for 1560 minutes, how many hours is this? If I placed the cup in kiln at 9.15a.m what time it will be ready? Write your answer in 12 & 24 hour clock.

Remember, there are 60 seconds in a minute and 60 minutes in an hour.

- 1) How many minutes are there in 16 hours 35 minutes?
- 2) How many minutes are there in 29 hours 05 minutes?
- 3) How many minutes are equal to 360 seconds?
- 4) How many minutes are equal to 1270 seconds?
- 5) How many day are there in 5 years and two months?
- 6) How many hours is 420 minutes?
- 7) How many hours is 390 minutes?
- 8) How many hours is 555 minutes?
- 9) I cook a turkey for Christmas dinner for 5 hours 5 minutes, how much is this in just minutes? If I start cooking at 07.15 what time the cake will be ready? Write your answer in 12 & 24 hour clock.
- 10) I bake a cake that needs 2 hours, 20 minutes in the oven, how long is this in minutes? If I start cooking at 15.45 what time the cake will be ready? Write your answer in 12 & 24 hour clock.
- 11) I watch a football match that lasts 135 minutes, how long is this in hours and minutes? If the match starts at 19.45 what time it will finish? Write your answer in 12 & 24 hour clock.
- 12) The school play runs for 555 minutes, how many hours and minutes is this? If the play starts at 3.30pm what time it will finish? Write your answer in 12 & 24 hour clock.
- 13) A marathon runner runs for a total of 890 minutes, how many hours and minutes is this? If the marathon starts at 9.00 a.m. what time the runner will pass the finish line? Write your answer in 12 & 24 hour clock.
- 14) The marathon runner drinks water for a total of 11 minutes after the race has finished. How many seconds is this? What time he would finish drinking?
- 15) A train takes 77 minutes to travel to London, how many seconds is this?



How many weeks till your birthday?
How many hours till the start of the Easter holidays (2nd April)?
How many days till Easter 12th April 2020?

