

Name: Class:

Convert time units

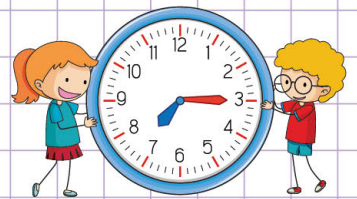
a. Find the number of days in a leap year.

b. Find the number of hours in a week.

c. 3 hours 50 minutes = _____ minutes.

d. How many years are there in 3.5 millennia?

e. 1 century = _____ days.



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- a. Find the number of days in a leap year.

There are 366 days in a leap year.

So, there are 366 days in a leap year.

- b. Find the number of hours in a week.

We know that,

1 week = 7 days,

1 day = 24 hours,

So to find the number of hours in a week, we multiply 24 hours by 7 days.

$24 \times 7 = 168$ hours.

So, there are 168 hours in a week.

- c. 3 hours 50 minutes = 180 minutes.

Let's convert 3 hours to minutes, then add 50 minutes.

If 1 hour = 60 minutes,

then 3 hours = $\frac{60 \times 3}{1}$ minutes = 180 minutes.

So, 3 hours 50 minutes = 180 minutes + 50 minutes = 230 minutes.

- d. How many years are there in 3.5 millennia?

If 1 millennium = 1,000 years,

then 3.5 millennia = $\frac{1,000 \times 3.5}{1}$ years = 3,500 years.

So, there are 3,500 years in 3.5 millennia.

- e. 1 century = 36,500 days.

We know that,

1 century = 100 years,

1 year = 365 days,

So, let's multiply 365 days by 100 years to find the number of days in 1 century.

365×100 days = 36,500 days.

So, 1 century = 36,500 days.

