Unit 10 : Time

Friendly Notes
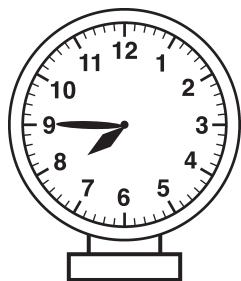
Hours and Minutes

The hour (h) and minute (min) are units of time.
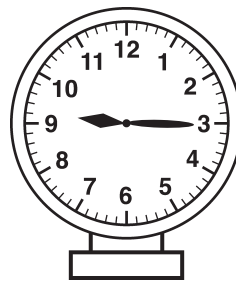
1 h = 60 min

A.M. means after 12:00 midnight and before 12:00 noon.

P.M. means after 12:00 noon and before 12:00 midnight.

7:45

9:15

We read 7:45 as seven forty-five.
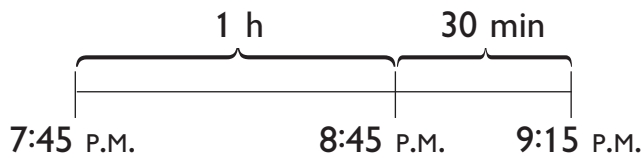7:45 is 15 minutes before 8 o'clock.
It is fifteen minutes to eight.

We read 9:15 as nine fifteen.
9:15 is 15 minutes past 9 o'clock.
It is fifteen minutes past nine.

1. Kenny started doing his homework at 7:45 P.M.
   He finished doing it at 9:15 P.M.
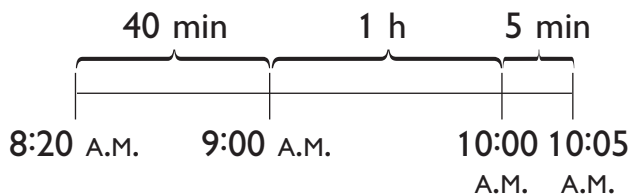   How many minutes did he take to complete his homework?

1 h = 60 min

He took 1 h 30 min to complete his homework.

1 h 30 min = 60 min + 30 min
           = 90 min

He took 90 min to complete his homework.

2. Philip started swimming at 8:20 A.M.
   He swam for 1 h 45 min.
   What time did he stop swimming?

He stopped swimming at 10:05 A.M.

Other Units of Time

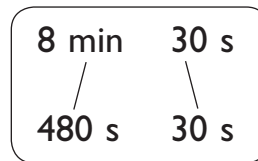The second (s) is another unit of time.
1 min = 60 s

The year, month, week, and day are other units of time.
1 year = 12 months
1 week = 7 days

1. (a) Write 8 min 30 s in seconds.

8 min   30 s

480 s   30 s

8 min 30 s = 510 s

(b) Write 125 s in minutes and seconds.

125 s

120 s 5 s

120 s = 2 min
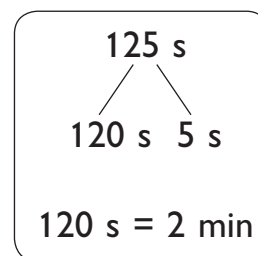
125 s = 2 min 5 s

2. (a) Write 2 years 5 months in months.

> 2 years   5 months
>   /   \
> 24 months   5 months
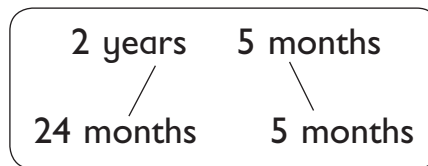
2 years 5 months = 29 months

(b) Write 20 months in years and months.

> 20 months
>   /   \
> 12 months   8 months
>
> 1 yr = 12 months
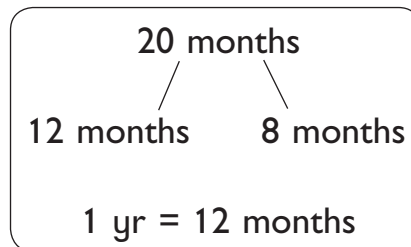
20 months = 1 year 8 months
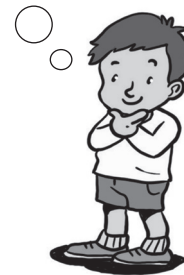
3. (a) Write 4 weeks 5 days in days.

> 4 weeks   5 days
>   /   \
> 28 days   5 days
>
> 1 week = 7 days
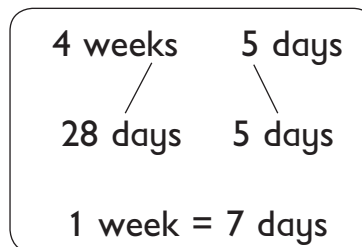
4 weeks 5 days = 33 days

(b) Write 41 days in weeks and days.

> 41 days
>   /   \
> 35 days   6 days

41 days = 5 weeks 6 days