

# Changing Minutes to Seconds

Lesson  
17

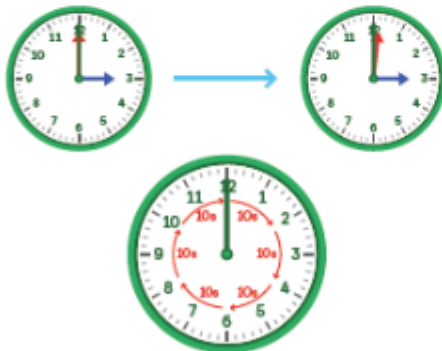
## In Focus



How much does the second hand move in a minute?

## Let's Learn

- 1 Observe the second hand for 1 minute.



The second hand moves 1 complete turn in 1 minute.  
In 1 minute, there are 60 seconds.

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

- 2 Observe the second hand for 5 minutes.



$$5 \times 60 = 300$$



How many complete turns does the second hand make in 5 minutes?  
In 5 minutes, there are  $5 \times 60$  seconds.

### Guided Practice

Solve.

- 1 How many seconds have passed between 4:30 p.m. and 4:40 p.m.?



- 2 Charles took 2 minutes to swim the length of a pool.  
How many seconds is that?

1 minute = 60 seconds

2 minutes =   $\times$  60 seconds  
=  seconds

- 3 Class 3B won a relay race.  
The class took 3 minutes.  
How many seconds is that?

# Changing Seconds to Minutes

## Lesson 18

### In Focus

In a puzzle-solving competition, a team took 120 seconds to complete the task.

Is that more than a minute?



### Let's Learn

- 1 How many minutes is 120 seconds?

60 seconds = 1 minute  
120 seconds = 2 minutes

120 s  
60 s 60 s



- 2 Another team took 100 seconds.

100 seconds = 1 minute 40 seconds

100 s  
60 s 40 s



- 3 A third team took 200 seconds.

200 seconds = 3 minutes 20 seconds

200 s  
60 s 60 s 60 s 20 s



### Guided Practice

1 180 seconds =  minutes  seconds



2 80 seconds =  minutes  seconds



3 280 seconds =  minutes  seconds



4 Which is longer, 150 seconds or 2 minutes 30 seconds?