

## Arithmetic

$$4 \times 34 =$$

$$3 \times 23 =$$

$$112 \div 8 =$$

# Changing Minutes to Seconds

Lesson  
17

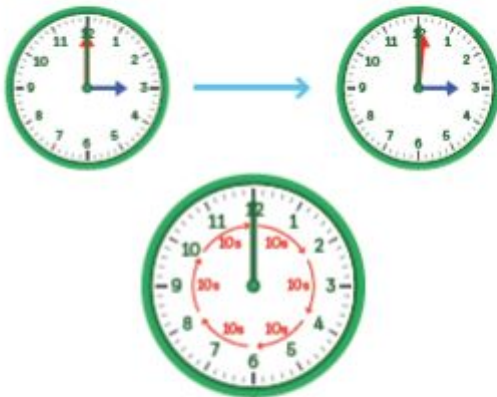
## In Focus



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.?  
**600 seconds**



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

$$1 \text{ minute} = 60 \text{ seconds}$$

$$2 \text{ minutes} = 2 \times 60 \text{ seconds}$$

$$= 120 \text{ seconds}$$

- 3 Class 3B won a relay race.  
The class took 3 minutes.  
How many seconds is that? **180 seconds**

## Worksheet 17

### Changing Minutes to Seconds

1 Change the following minutes to seconds.

(a) 1 minute =  seconds

(b) 3 minutes =  seconds

(c) 6 minutes =  seconds

(d) 8 minutes =  seconds

(e) 10 minutes =  seconds

2 Charles took 2 minutes to run 400 m.  
How many seconds did he take to run 400 m?

$$\boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

He took  seconds to run 400 m.

3 Amira waited for 5 minutes for her bus to arrive.  
How many seconds is that?

## Answers

1

a)

b)

c)

d)

e)

2)  ×  =

He took  seconds to run 400 m.

3)