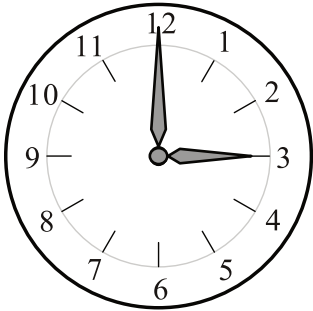




Lesson 109

TELLING THE TIME

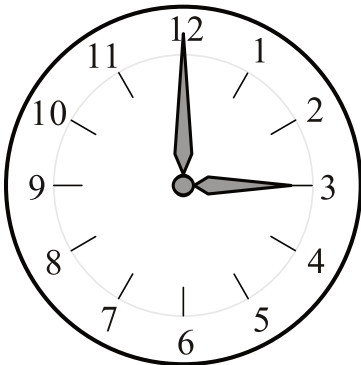
Telling the time is a grown up skill you definitely need to learn! Last year we learned to tell time to the quarter hour. This year we're going to learn how to tell time to the minute so you can know exactly how long you have to wait for the bus or train to arrive!



We call this type of clock an analog clock. Analog clocks were invented over three hundred years ago! They are easier to read at a distance than a digital display so they are still often used in train stations. Many cities and towns around the world (and even many country towns in Australia) have clock towers with an analog clock that tells the time. So, it's still a good idea to learn how to read one!

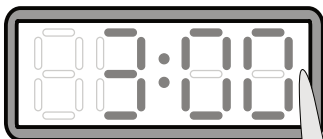
Let's review what you learned last year. Cookie from level B is here to remind you!

TIME TO THE HOUR



3 o'clock

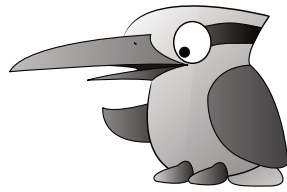
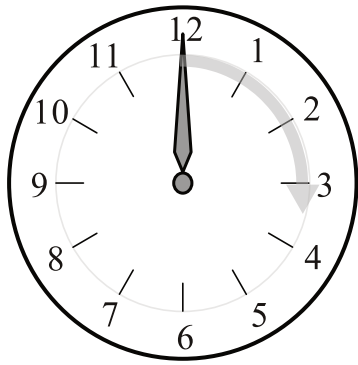
When the long hand points straight up to 12, it is something o'clock. The short hand tells us what the "something" is. This clock is showing **three o'clock**.



Two zeros here mean something o'clock. The number before the dots tells us what the "something" is. This is how three o'clock looks on a **digital clock**.

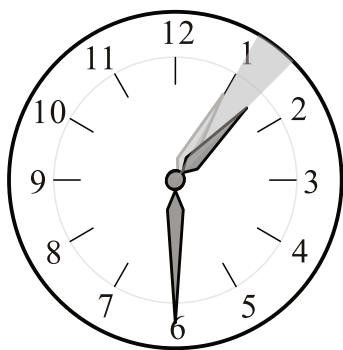
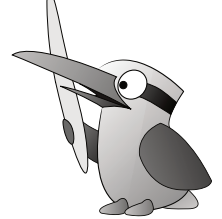
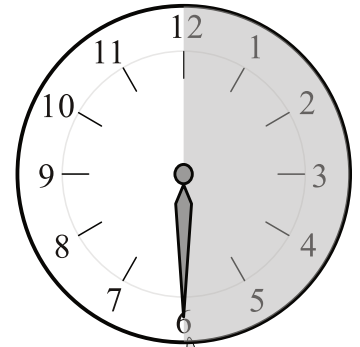


TIME TO THE HALF HOUR



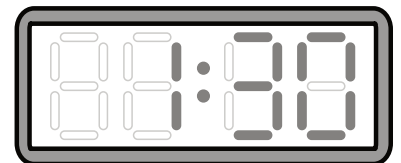
The big hand takes one hour to travel all around the clock.

When it gets to the number 6, it has travelled half way around the circle! So we call the time, "half-past something."

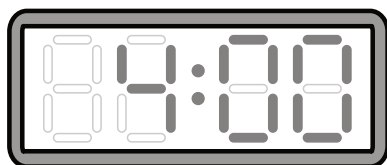
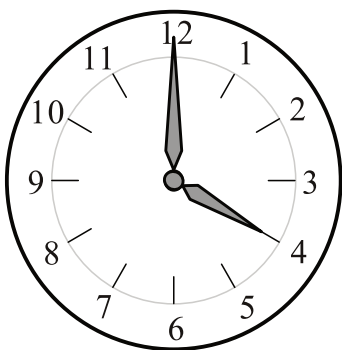


In the same time, the short hand travels half way between the number it was at and the next number. So the "something" is the number **BEFORE** the short (little) hand. This clock is showing **half past one**.

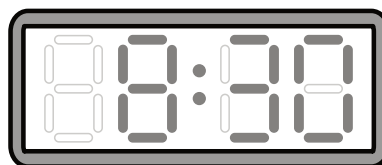
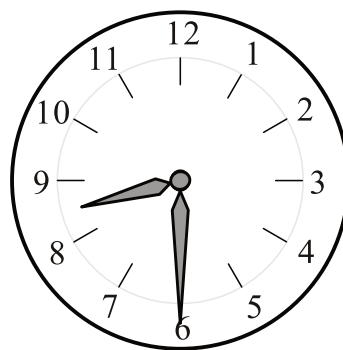
Half an hour is thirty minutes, so on a digital clock, half past one appears as **1:30**.



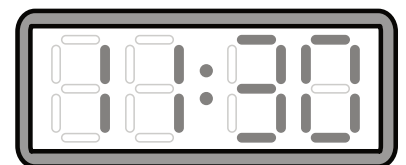
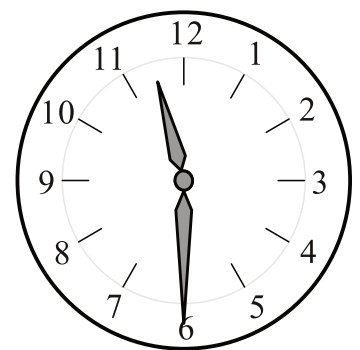
EXAMPLES



four o'clock

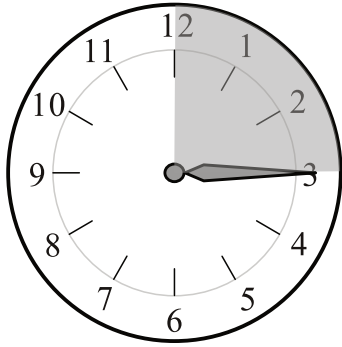


half past eight

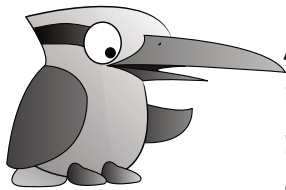
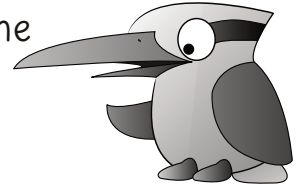


half past eleven

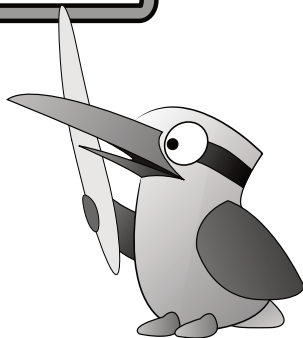
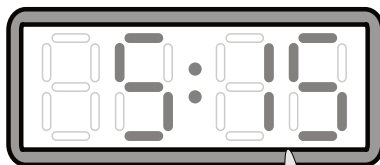
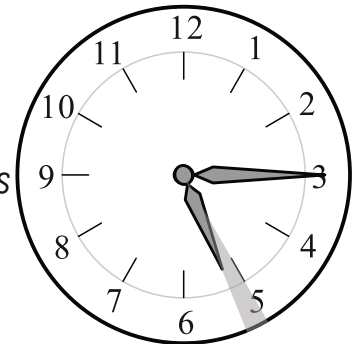
QUARTER PAST THE HOUR



When the long hand is pointing to the three, it has travelled one-quarter of the way around the clock, so the time is a quarter-past "something".

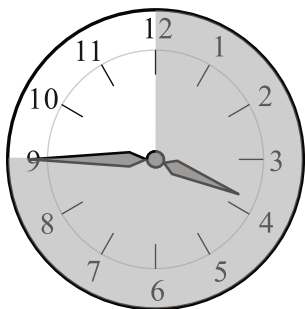


At the same time, the short hand will move one quarter of the way from one number to the next number. This clock is showing a **quarter-past five**.



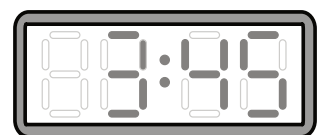
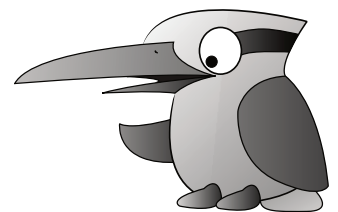
A quarter hour is fifteen minutes, so a quarter past five is shown this way on a digital clock. We can also read this as "**three fifteen**."

QUARTER TO THE HOUR



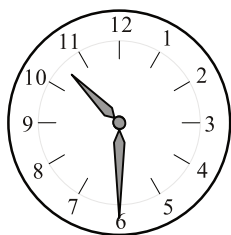
When the big hand is pointing to 9, it has travelled three quarters of the way around the clock but we say that it only has one quarter left to get to the next hour. So we call this time "**quarter to four**."

In digital, we write 45 mins (three quarters) past the hour. We can read this time as "**three forty-five**".



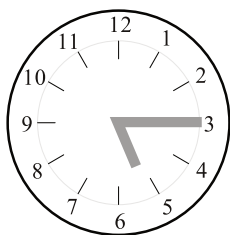
LESSON PRACTICE

Fill in the blanks.



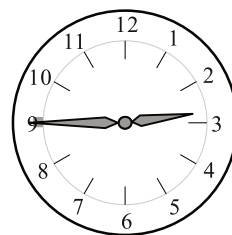
10:30

half past 10



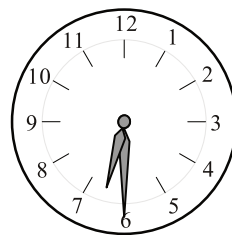
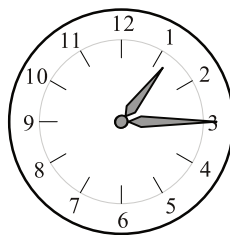
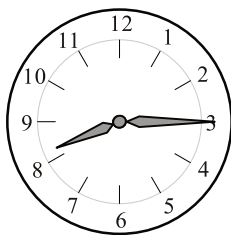
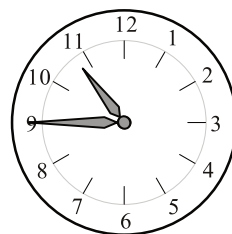
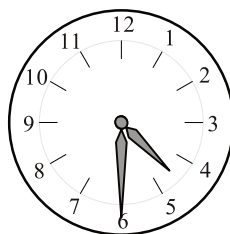
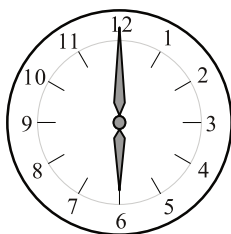
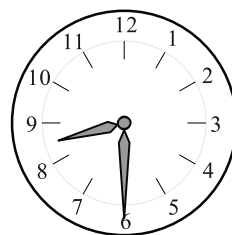
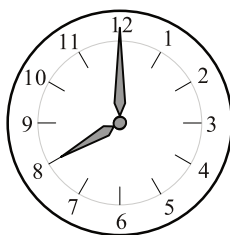
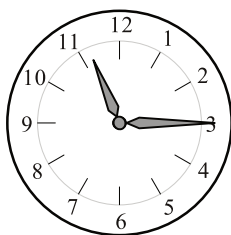
5:15

quarter past 5



2:45

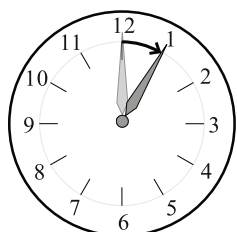
quarter to 3



Lesson 110

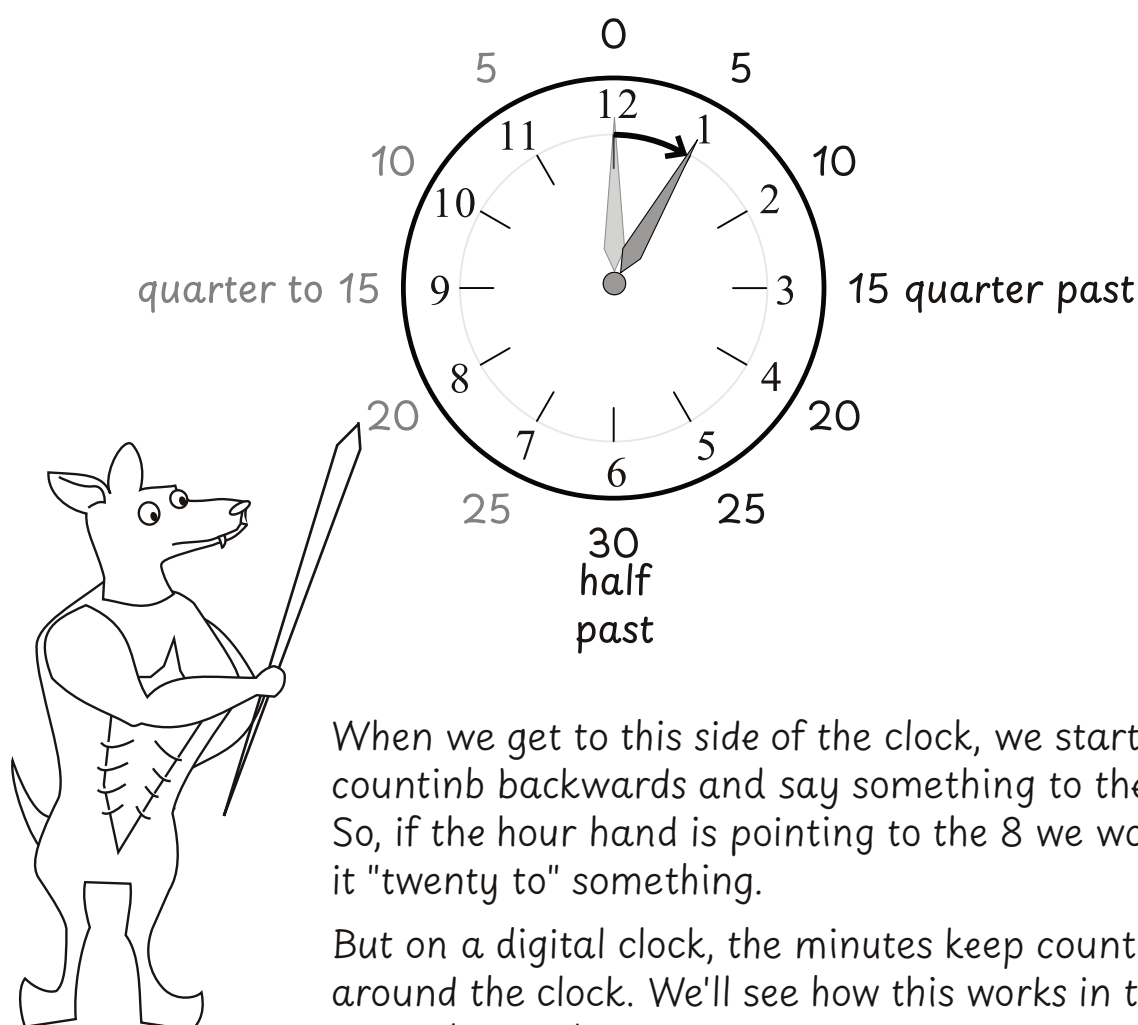
TELLING TIME TO FIVE MINUTES

Today we're going to see another application of counting by fives (or the five times table). We're going to use our skills to tell time to the nearest five minutes.



The long hand on a clock is called the minute hand. It takes the long hand five minutes to move from one number to the next on the clock. So, when the long hand is pointing to 1, the clock is reading five minutes past the hour. We usually say "five past" something.

The clock below shows how many minutes past the hour the big hand would be pointing to at each number:

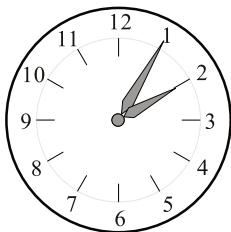


When we get to this side of the clock, we start counting backwards and say something to the hour. So, if the hour hand is pointing to the 8 we would call it "twenty to" something.

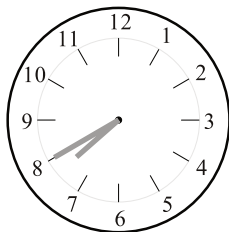
But on a digital clock, the minutes keep counting around the clock. We'll see how this works in the examples on the next page.

LESSON PRACTICE

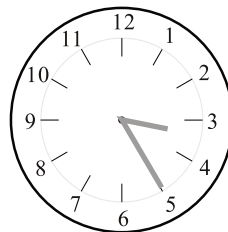
Fill in the blanks.



1:05



7:40

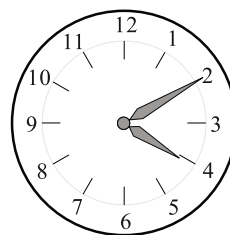
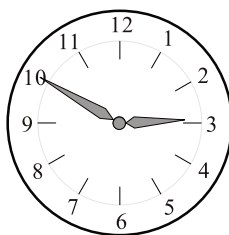
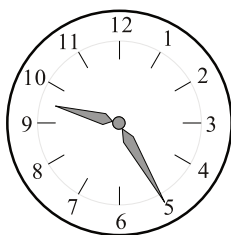


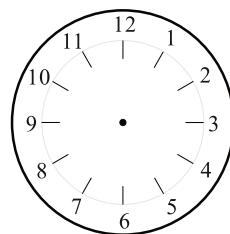
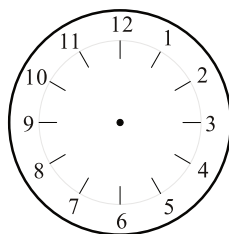
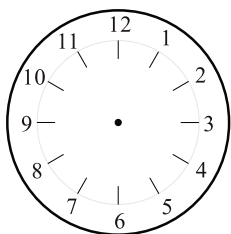
3:25

five past two

twenty to eight

twenty-five past 3

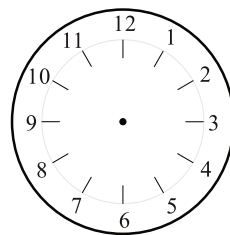
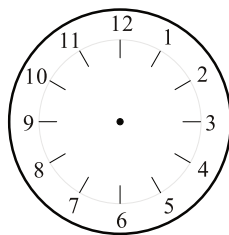
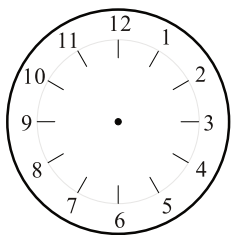




five to eight

ten past four

twenty to eleven



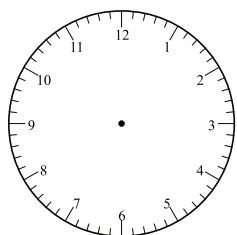
8:05

11:20

1:35

Lesson 111

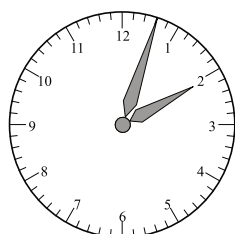
TELLING TIME TO THE MINUTE



Once you can tell time to the five minutes, it's pretty easy to tell time to the minute. At first you'll probably need to see the minute marks like in the clock on the left, but if you practice a lot, you'll be able to tell time to the minute on any clock!

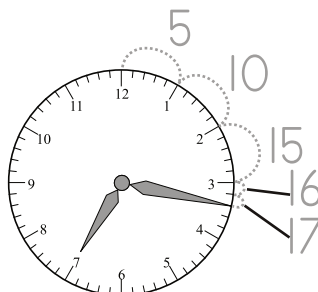
EXAMPLES

Write the time in digital form and in words.



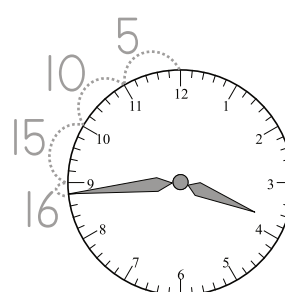
2:03

three past two



7:17

seventeen past seven



3:44

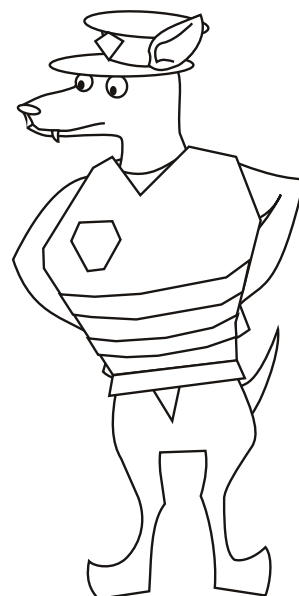
sixteen to four

PRO PRACTICE TIP

To master time, you need to practice, practice, practice! But learning with real clocks is way more fun and useful than learning from a book.

Here's how you can do it:

- Ask an adult to get you an analog clock (the kind with hands).
- Have them set it for you and put it somewhere you'll see it all the time.
- Practice telling the real time throughout the day!



LESSON PRACTICE

Write the time shown on the clock in digital form and in words.

