

Week 6 Lesson 3

Can I tell the time?

Fast Five

1. 150ml = _____ l

2. 2.54kg = _____ g

3. 124cm = _____ m

4. $\frac{1}{3} - \frac{1}{4} =$

5. $34 \times 76 =$

Fast Five Answers

1. 150ml = 0.15l

2. 2.54kg = 2540g

3. 124cm = 1.24m

4. $\frac{1}{3} - \frac{1}{4} = \frac{1}{12}$

5. $34 \times 76 = 2584$

Time Conversions

- 1 day = __ hours
- 1 hour = ___ minutes
- 1 minute = _____ seconds

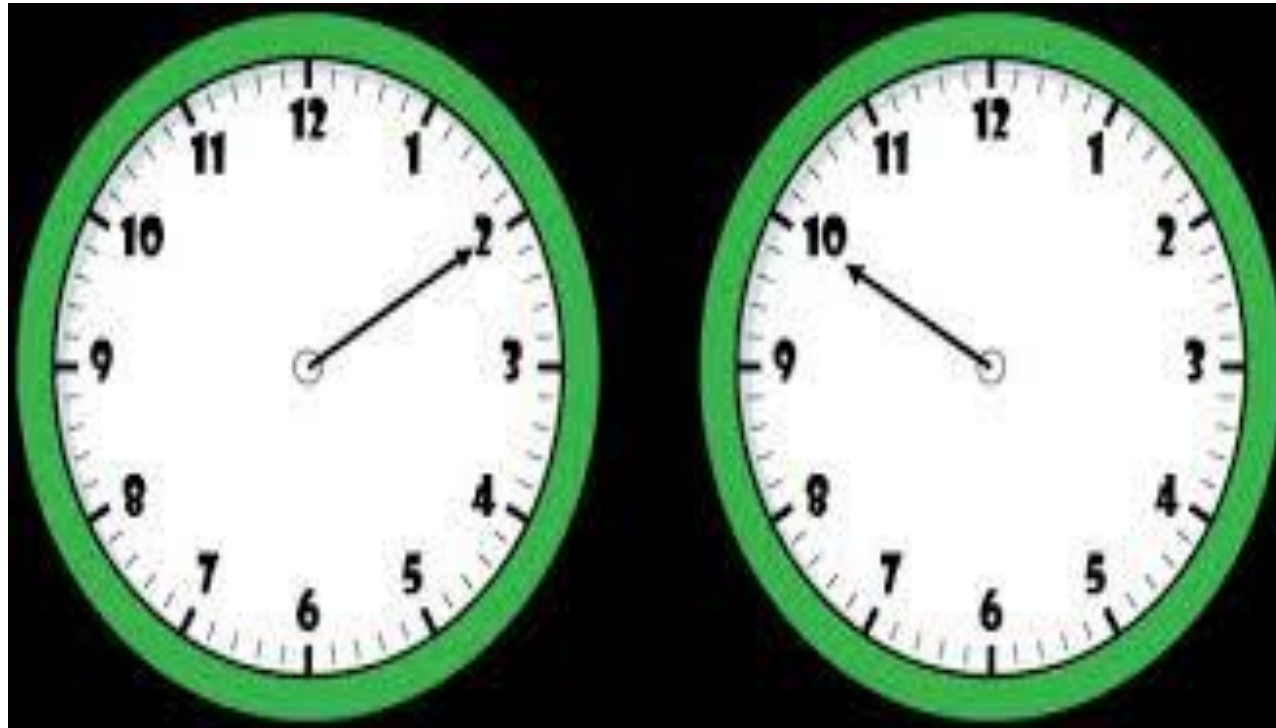
Time Conversions

- 1 day = 24 hours
- 1 hour = 60 minutes
- 1 minute = 60 seconds

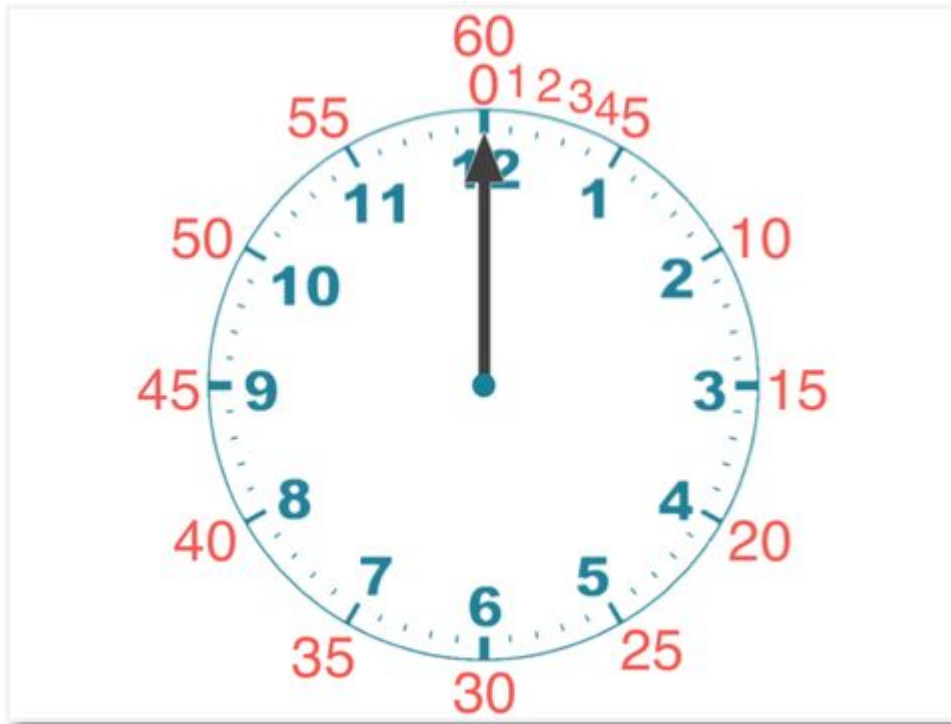
How the hour hand operates

The hour hand rotates around the clock face twice per day (24 hours in total). It tells us what hour of the day it is.

When it is pointing exactly to the 2 the time is 2 o'clock, when pointing to the 10 the time is 10 o'clock.



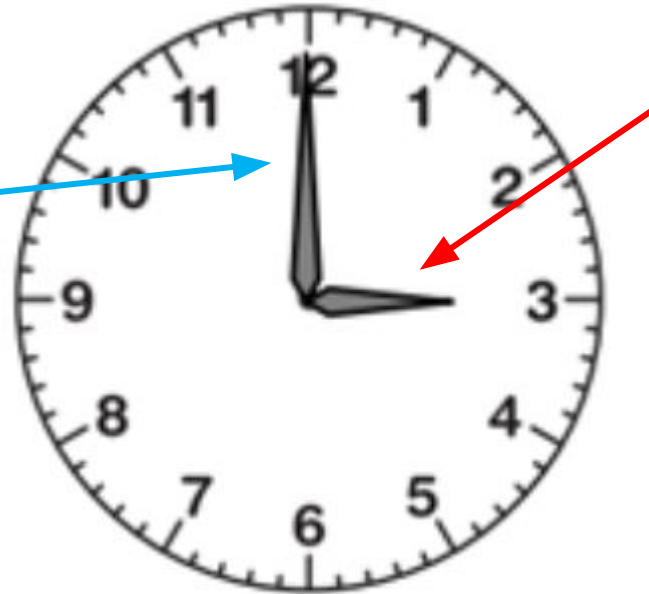
How the minute hand operates



- The minute hand tells us how many minutes past the hour it is.
- Remember there are 60 minutes in total in each hour.
- You can see that each of the blue numbers indicates another 5 minutes have elapsed.
- If the minute hand is pointing to the 1 this represents 5 minutes.
- If it is pointing to the 2 this represents 10 minutes.

How to tell the time - recap

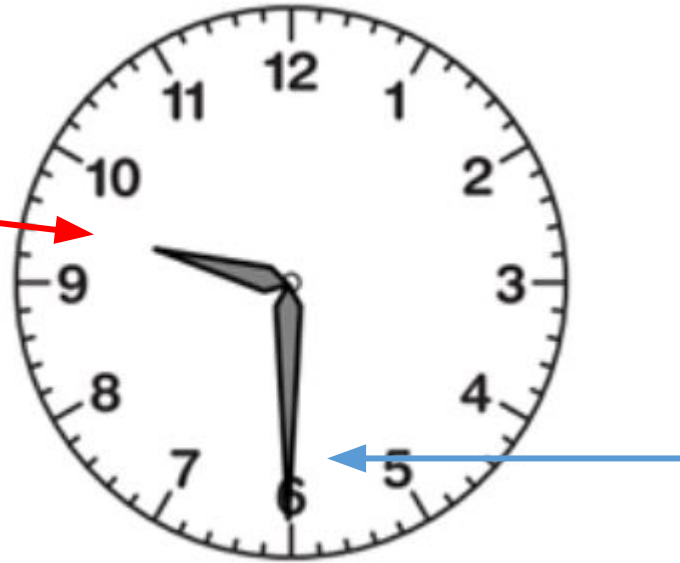
2. The minute hand determines how many minutes past the hour it is. Here it is pointing to the twelve so it is exactly 3 o'clock or 3:00



1. The shorter hand tells us what the hour is. In this case it is pointing exactly to the 3.

We first look at the hour hand, then to the minute hand.

1. The hour hand has gone past the 9 but has not reached the 10. It is still 9 something...



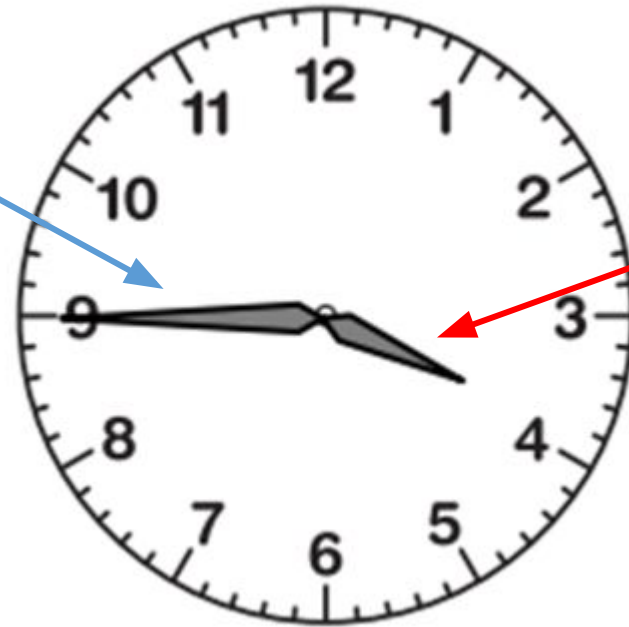
The minute hand is pointing to the six. This is 30 minutes past the hour. We can now say that it is 9:30. Notice how we put a colon between the hour and the minutes

2. The minute hand is pointing to the 9.

$9 \times 5 \text{ minutes} = 45 \text{ minutes}$

It is therefore

3:45



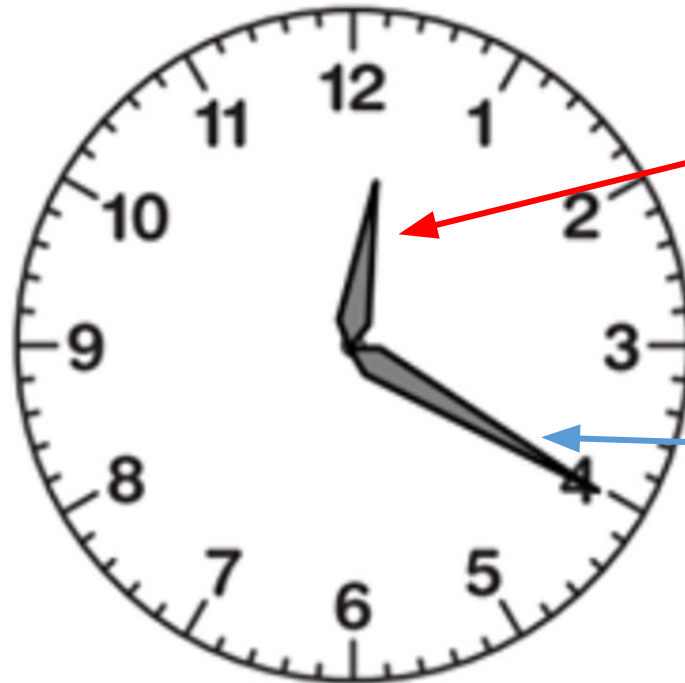
1. The hour hand has gone past the 3 but not reached the 4 yet. It is still '3 something'

Have a go. What time is it?



12:20

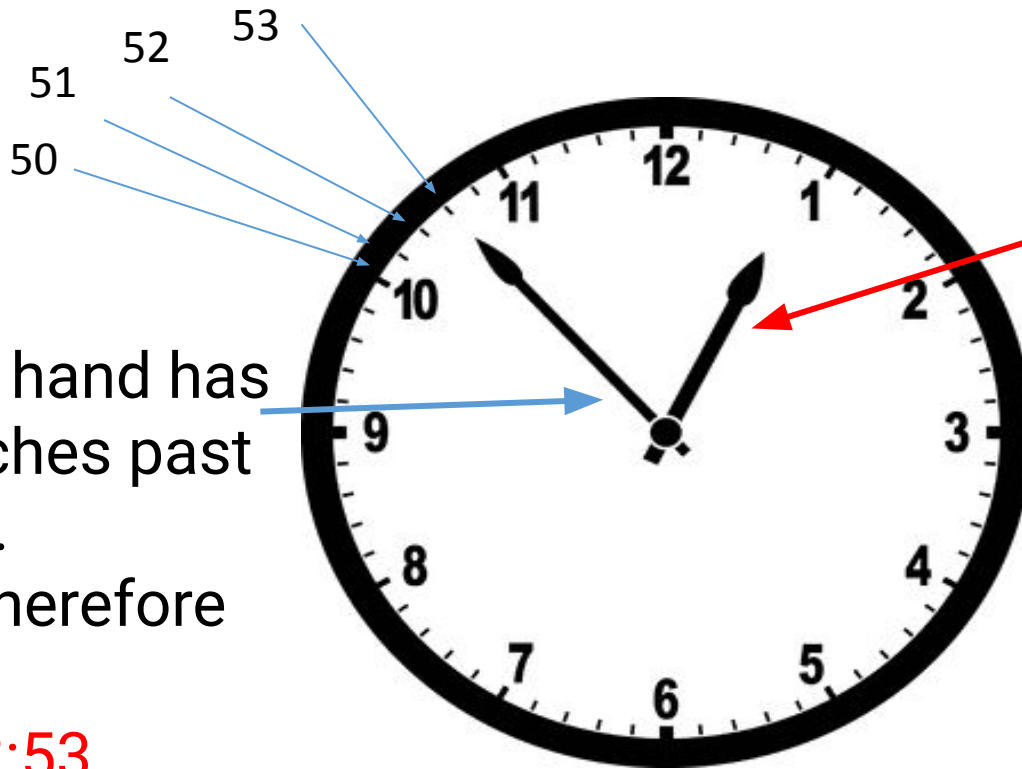
The hour hand has gone past the 12 but not reached the 1 yet. It is still 12 something...



The minute hand is pointing to the 4.
 $4 \times 5 \text{ minutes} = 20 \text{ minutes}$

The time is 12:20

The clock shows **12:53**

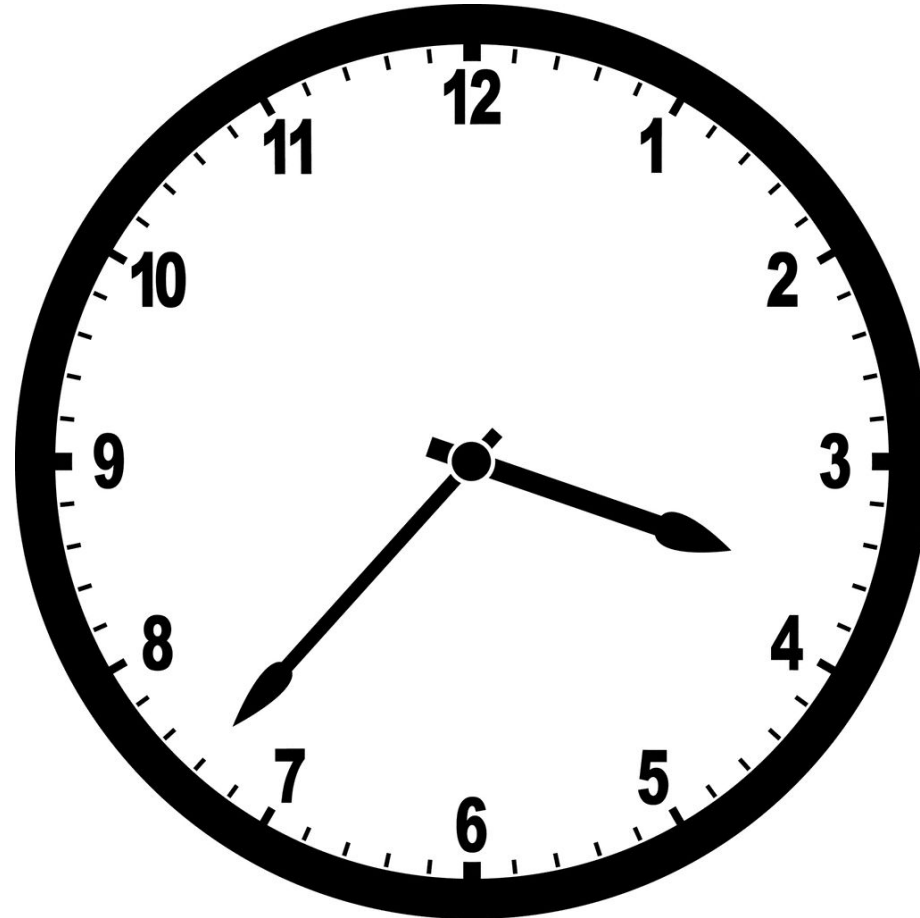


1. The hour hand has gone past the 12 but not reached the 1 yet. It is still 12 something...

2. The minute hand has gone 3 notches past 50 minutes. It is pointing therefore to 53.

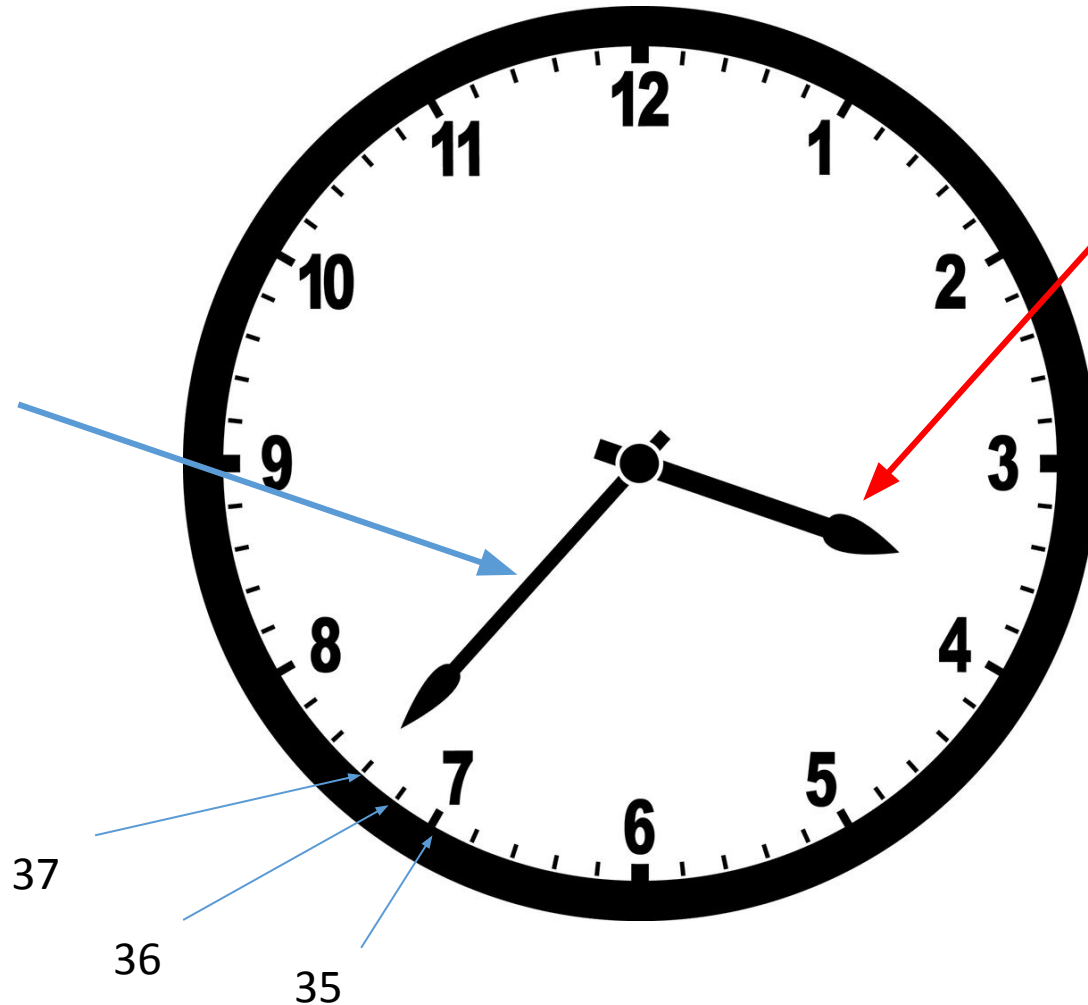
The time is **12:53**

What time is this clock showing?



The time is **3:37**

The hour hand has gone past the 3, but not reached the 4. It is therefore 3 something...



The minute hand has gone 2 notches minutes past 35 minutes (37 minutes)
It is therefore **3:37**

37

36

35