



NexGen Tutoring

21 Catherine St, Bentley WA 6102

Topic: Time and Units of Time

Learning objectives:

- ✓ To be able to identify 'o'clock' and 'half past' time on an analog clock
- ✓ To be able to do the 2 times table
- ✓ To be able to do the 5 times table

Time and Units for time

Starting this week, over the next few weeks, we'll be learning how to tell time. This week, we'll particularly focus on two ways to express time called "o'clock" and "half past". Let's dive in!

What is a clock anyway?

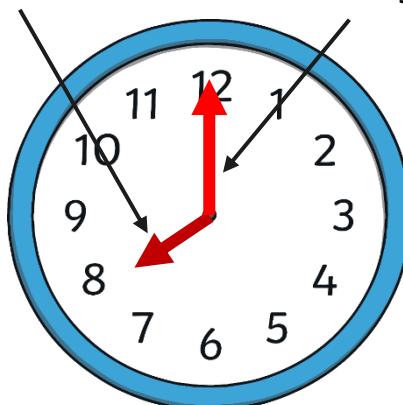
A clock is a tool we use to tell the time. As shown in the image below, the clock is like a big circle with numbers around the edge, from 1 to 12. It also has "hands"—not like your hands, but pointers that move around the circle.

- The **short hand** shows the *hours*. Think of it as the slower hand—it takes its time!
- The **long hand** shows the *minutes*. It's faster and moves every minute.
- Sometimes, there's a super speedy hand called the **second hand**—it never stops moving!

You can also think of the clock as a race track. The hands are runners going around the circle! They stop at different numbers, and that's how we know the time.

This is the **hour** hand.
It is the shortest hand on the

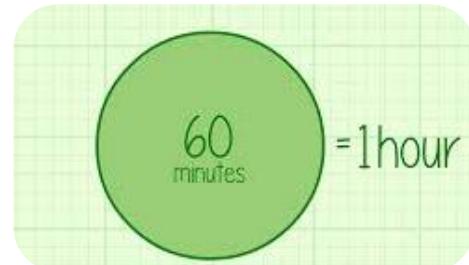
This is the **minute** hand.
It is longer than the hour hand.



What is hour and minute?

Let's think of hours and minutes like tiny building blocks of time.

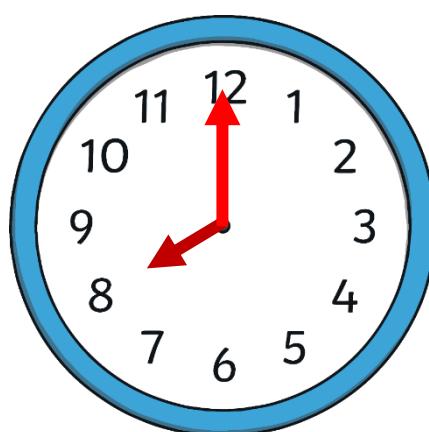
- An **hour** is a bigger block of time—like the time it might take to play outside or watch your favourite cartoon. A clock has **12 hours in one circle**.
- A **minute** is a smaller block of time. Think of it like how long it might take to tie your shoes or brush your teeth. It takes **60 minutes to make 1 hour**—so minutes are kind of like the little pieces that make up the bigger hour.



Imagine you're stacking blocks. If each small block is a minute, you'd need **60 of them** to build **one big hour block**. You could even draw or build this with toys to make it more fun!

O' Clock

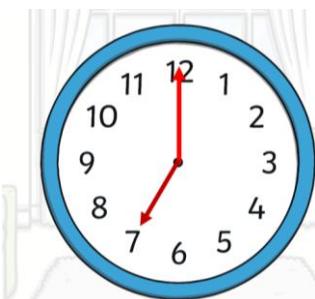
When the minute hand is pointing to 12, it is showing a full hour. We call this time '**o'clock**'.



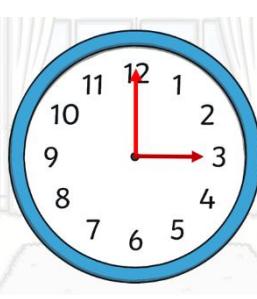
On this clock, the hour hand is pointing at the 8 and the minute hand is pointing to the 12.

This clock is showing that the time is **8 o'clock**.

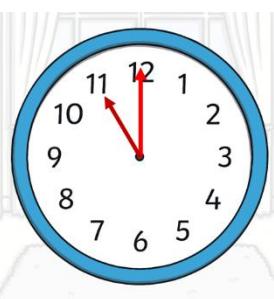
Now, look carefully at the following examples:



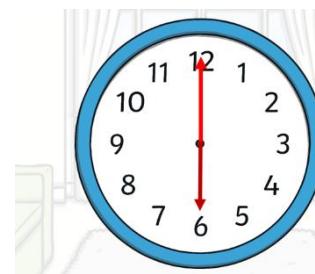
It's 7 o'clock



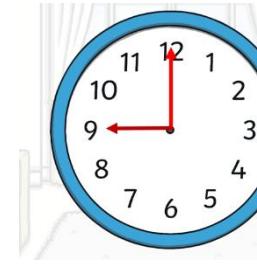
It's 3 o'clock



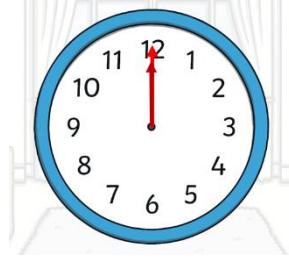
It's 11 o'clock



It's 6 o'clock



It's 9 o'clock



It's 12 o'clock

Exercise 1:

Write the time the clock is representing.

1.



2.



3.



4.



5.



6.



Exercise 2:

Draw the time on each clock:



5 o'clock



11 o'clock



4 o'clock



9 o'clock



1 o'clock



10 o'clock



2 o'clock



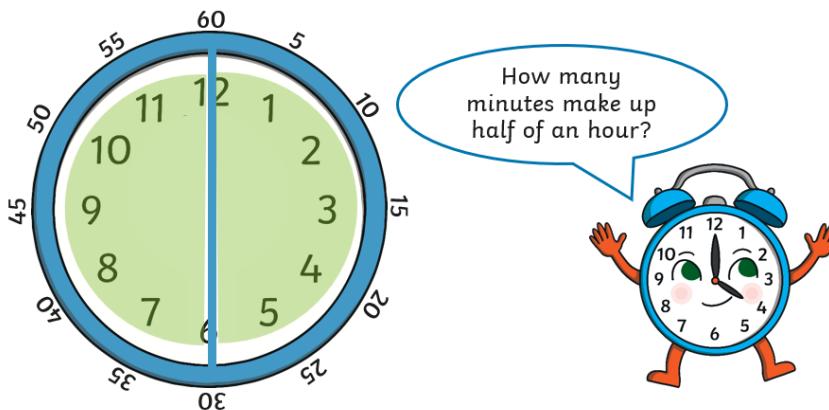
6 o'clock

Exercise 3: Word Problems

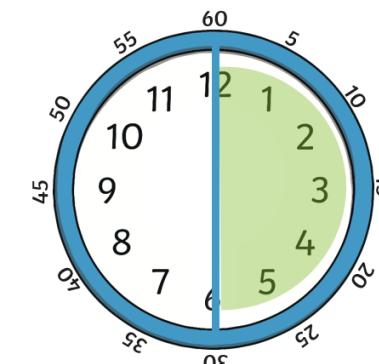
- Emily wakes up at 7 O'clock in the morning. If it is 8 O'clock now, how long has she been awake?
- Ben starts his soccer practice at 4 O'clock. If practice ends at 6 O'clock, how many hours does Ben practice soccer?
- The school day begins at 9 O'clock. If the clock says 9 O'clock, what is the time for the school day to start?
- Lily eats lunch at 12 O'clock. What number is the short hand pointing to on the clock when it's 12 O'clock?
- Sam goes to bed at 8 O'clock. The clock's minute hand is on the 12 and the hour hand is on 8. What time is it?

Half past

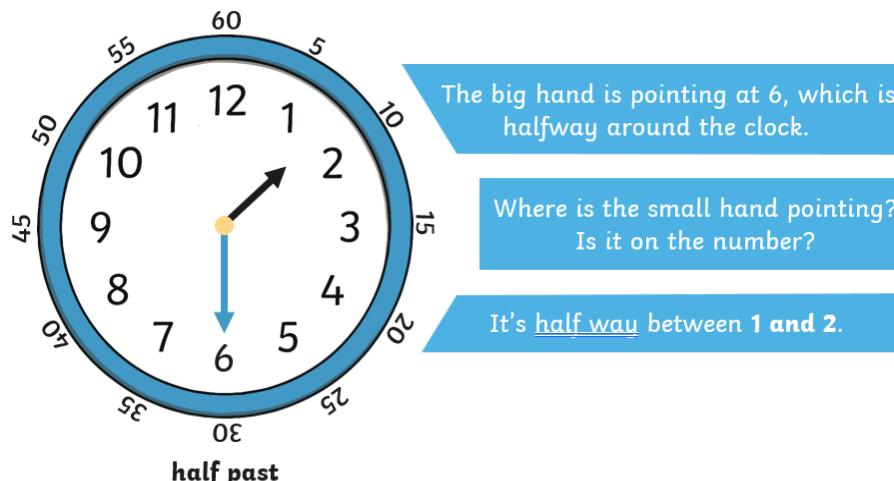
A clock face is a **full circle** which is made up of **2 halves**.



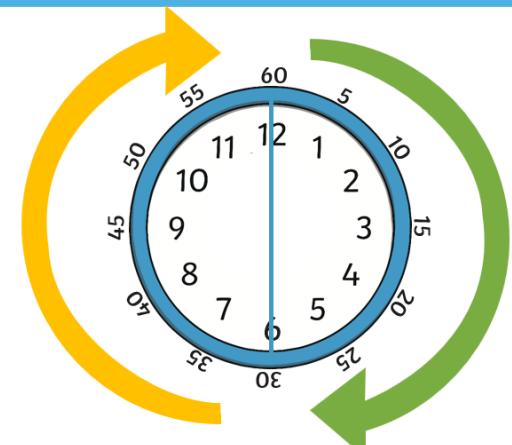
There are 30 minutes in half of an hour.



Look at this time.



When it is 30 minutes past the hour we say '**half past**' the hour.





When we say **half past**, it means the **minute hand** (the long hand) has moved halfway around the clock. Imagine the clock is like a big pizza, and the minute hand goes from the top (number 12) all the way down to the bottom (number 6). That's halfway!



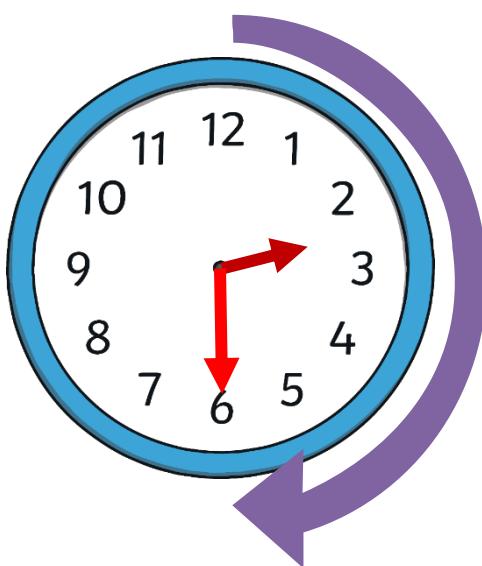
the

Here's an example:

- If the short hand (hour hand) is pointing between 2 and 3, and the minute hand is on 6, it's **half past 2**.
- This means it's halfway through the hour **2 O'clock**!

You could say it's like the hour is sharing its pizza with the next hour—it's halfway done!

When the minute hand is pointing to 6, it is showing **half of an hour**. We call this time '**half past**'. Meaning, half of an hour has passed/gone.

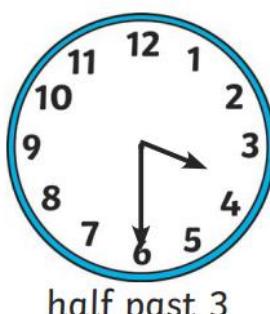
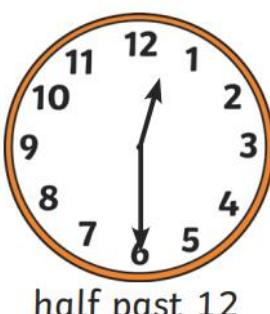
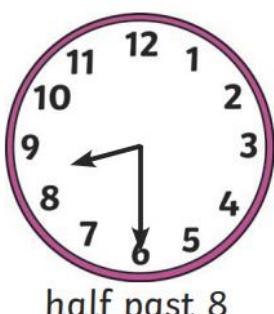
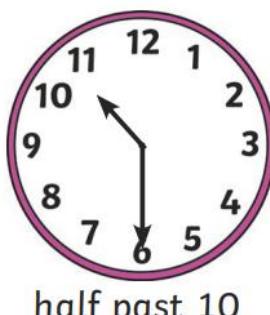
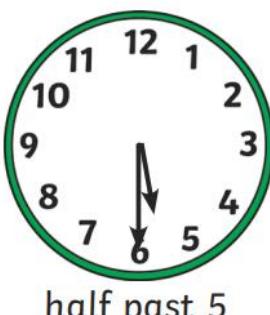
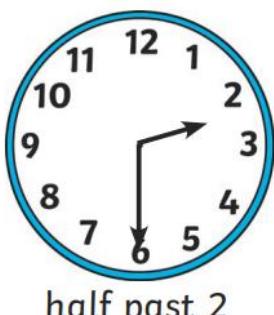


On this clock, the hour hand is pointing between 2 and 3 and the minute hand is pointing to the 6.

This clock is showing that the time is **half past 2**.

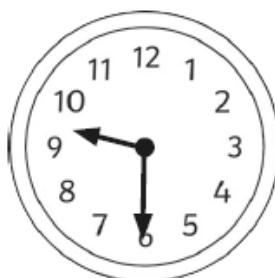
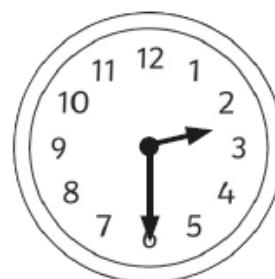
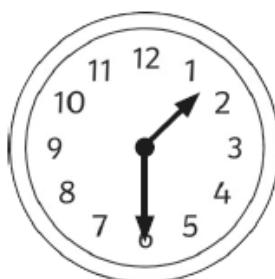


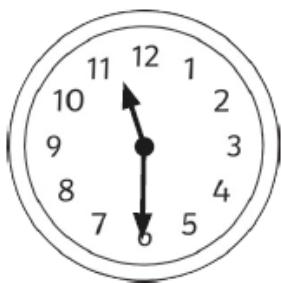
Now, carefully look at the following examples:



Exercise 4:

Write down the time each clock is showing on the line underneath.





Exercise 5: Word problems

- Lucy went to the park at half past 3. What number does the minute hand point to on the clock at half past 3?
- Mia's favorite TV show starts at half past 6. What number will the hour hand point to when it's half past 6?
- John began his homework at half past 2 and finished it at 3 O'clock. How much time did John spend on his homework?
- The school bus picks up students at half past 7. If it takes 1 hour to reach school, what time will the students arrive at school?
- At half past 5, Alex has dinner. Which number is the minute hand pointing to when it's half past 5?



Mixed practice 1:

Draw and write!

Write down a time as you wish (7 o'clock, half past 3 etc.) and then draw the hands on the clock accordingly.

1.



_____ o'clock

5.



half past _____

2.



_____ o'clock

6.



3 o'clock

3.



half past _____

7.



half past 8

4.



half past _____

Mixed practice 2:

Write down the time each clock is showing.











Exercise 5: Mixed Word problems

- Lucy's ballet class begins at 4 O'clock. She finishes at half past 5. How much time does Lucy spend in her ballet class?
- Ethan started playing his favourite game at half past 2. If he stopped playing at 4 O'clock, how long did Ethan play?
- The movie at the cinema started at half past 3. It ended at 6 O'clock. How many hours did the movie last?
- Lily had her lunch at 12 O'clock. Later, at half past 1, she had dessert. How much time passed between lunch and dessert?
- At half past 8, Jack walked to school. He arrived at 9 O'clock. How many minutes did it take Jack to walk to school?
- Emma's bedtime is at 8 O'clock, but she started getting ready for bed at half past 7. How much time does Emma take to get ready for bed?