



G3.49 | DRAW MINUTE & HOUR HAND TO REPRESENT TIME

Time, Money and Data Handling Concepts - NCERT Chapter 7: Time Goes On...

Students will be able to show a given time by drawing minute & hour hand in a clock

40- 50 min

◀ PRE REQUISITES:

G3.48 Know how to read the time on a clock to the hour & half-hour



TLM



1 clock

1 short stick & 1 long stick
(about 30cm & 20cm long)



MISCONCEPTIONS

None



KEY VOCABULARY

None



PLAY



Identifying the hands of a clock



Remind students that clocks have an hour hand & a minute hand



Draw a clock on the blackboard. The clock should not have any hands



Call a student and ask them to show 1 o'clock using the two sticks as hands on the clock



QUESTION

Which stick will you use to show the minutes hand? Why?



Repeat the activity with other students



PROCESS



7:30



Minutes



Hours

Showing time on a Clock



Write "Half past 7" on the board. Tell the students that "Half past 7" means 7:30 or half an hour after than 7



Draw a clock on the board showing 7:30. Emphasize that you have drawn two hands, one small & one big



Remind the students that smaller hand represents hours & bigger hand represents minutes



Explain to them that to show half hour past an hour, the hour hand is drawn between the hour & the next hour



Point to number 6 on the clock. Tell that by moving from 12 to 6, minutes hand covers half a circle & it always represents half an hour



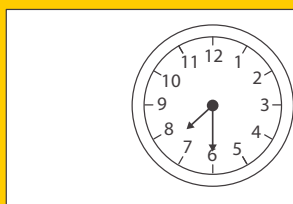
Point out that both the hands start from the centre of the clock. Write "7 o'clock" & draw a clock on the board showing 7



Tell the students that the hour hand should be exactly at 7 & minutes hand should be exactly at 12



PRACTICE



Draw the question on the black board & ask the students to solve



Help the students solve question 3 from the worksheet. Ask the students to show 7: 30 by correcting the hour & minutes hands of the clock shown



QUESTION

Will 5:30 in the evening come before 5 in the evening? How do you know?



Emphasize that 5:30 in the evening is half hour after 5 o'clock in the evening



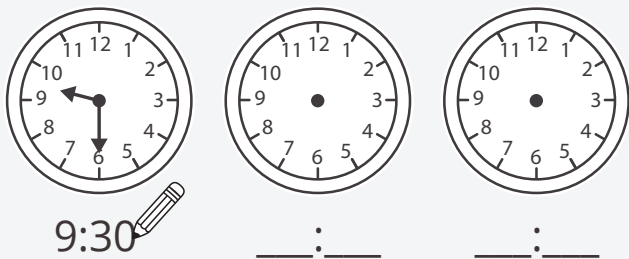
Help the students evolve 4a & 4b from the worksheet. Ask the students to fill in the blanks using the words given

Minute hand, Hour hand, Four, Twelve

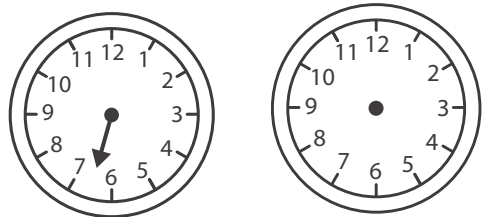
Half past four means the hour hand is between ____ & 5. 4 o'clock means the minute hand is at ____



- ① SOLVED EXAMPLE : Show the time by drawing hands on the clock face



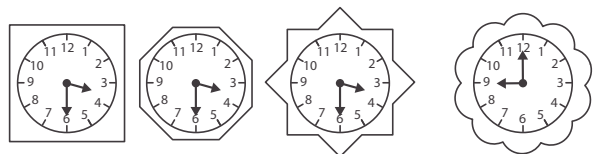
- ② Draw hands to show 6:30 & 7:30. Which hand did you draw, minute hand or hour hand?



- ③ Circle the incorrect clock & draw the correct one:

S.No.	Time	Clock	Corrected Clock
1.	9 O'clock		
2.	11:00		

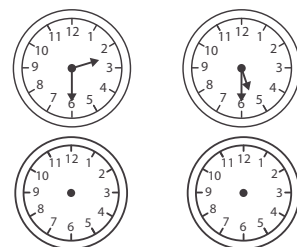
- ④ Do all these clocks show the same time? If not, correct the clock which shows incorrect time.



- ⑤ Fill in the blanks using the given words Minute, Hour, Four, Twelve

- Half past four means the hour hand is between _____ & 5.
- 9 o'clock means the minute hand is at _____
- At 4 O'clock _____ hand will point to 12.

- ⑥ One of these clocks shows 2:30 & one shows 5:30. Can you tell what was the time half an hour before 2:30 & half an hour before 5:30?



How many hands are there in a clock usually? What do you think the third hand shows?