

For Ages 8 - 10

The Time Book 2

**Activities related to telling
the time.**

Written by Lyn Catchpole. Illustrated by Rod Jefferson.

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Introduction

The learning of concepts related to Time is an important stage in the mathematical development of young children.

This book allows 8 to 10 year old students to be introduced to these concepts. It adopts a structured and systematic approach which allows plenty of consolidation of the skills being covered.

Through exposure to these pages children will develop their skills in areas such as:

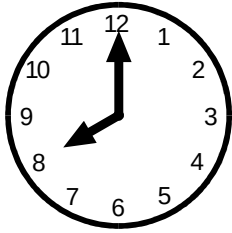
- ☐ Time on the hour and half hour.
- ☐ Time to the nearest five minutes.
- ☐ Time to the nearest minute.
- ☐ The passing of time.
- ☐ The 24 hour clock.
- ☐ Timing activities.
- ☐ Time problems related to days, weeks and months.
- ☐ Calendar work.
- ☐ Time expressed in digital form.

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Name: _____

Time-On the Hour

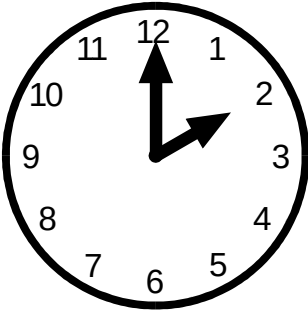


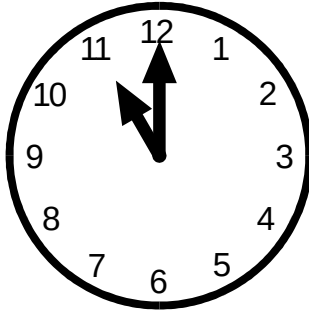
This clock says **8 o'clock** or **8:00**.

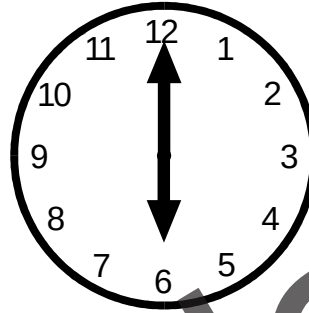
The long hand always points to the 12 on the clock.

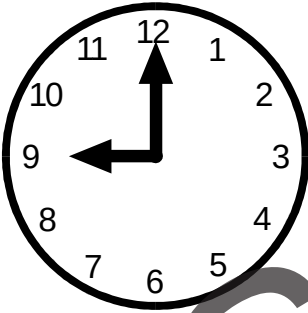
The shorter hand points to the hour that it is.

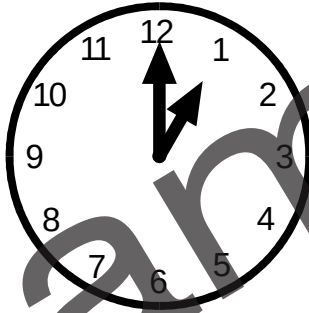
- **What times are these clocks showing?**

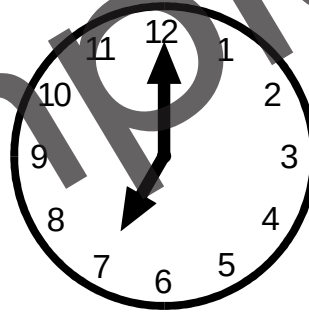


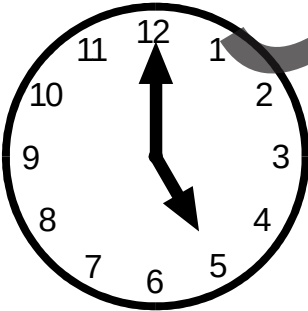


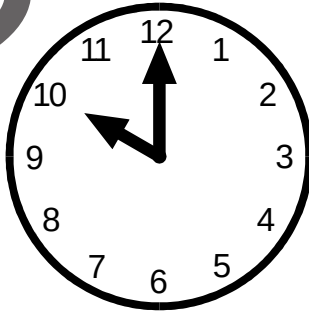


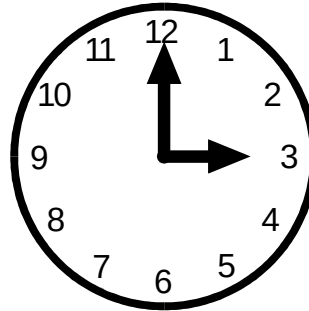


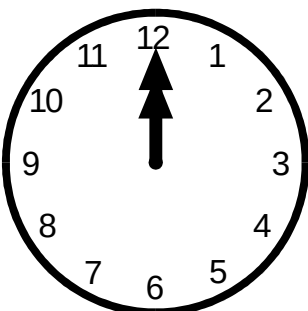


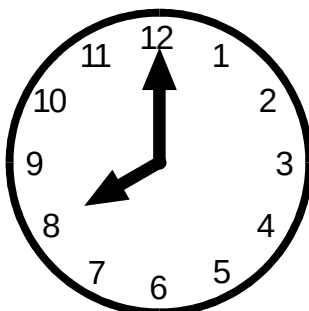


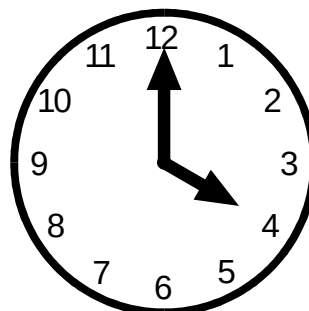








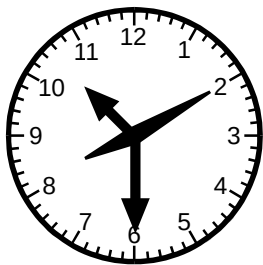






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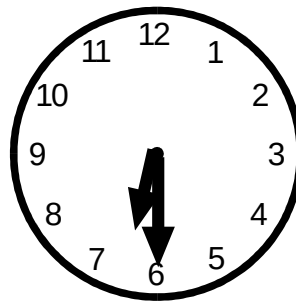
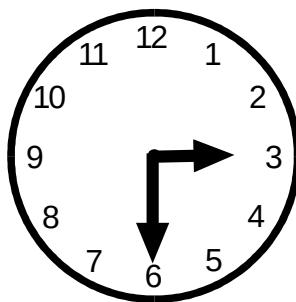
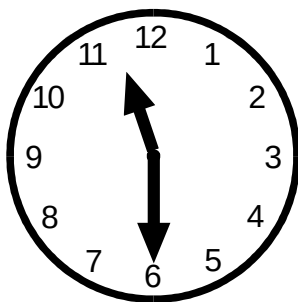
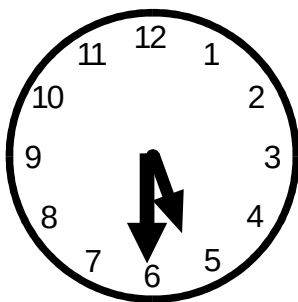
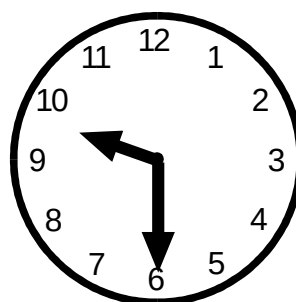
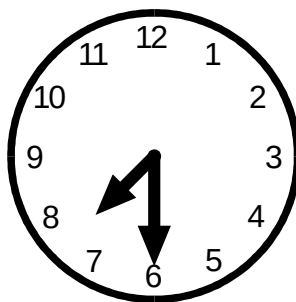
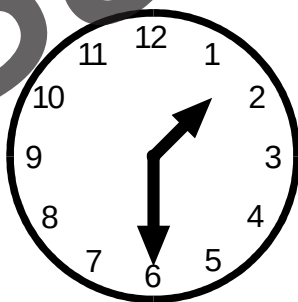
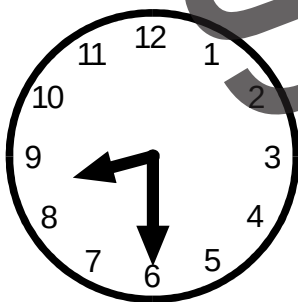
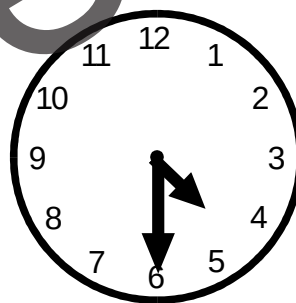
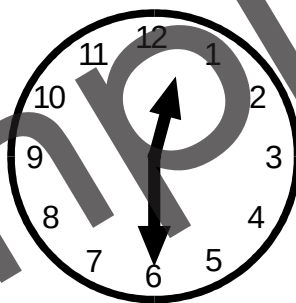
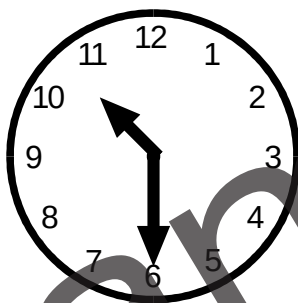
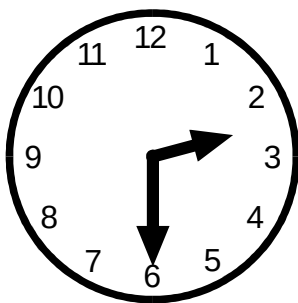
Time - To the Half Hour



This clock says **10:30** or **half past ten**. The long hand always points to the 6 for the half hour. The shorter hand will be halfway between the hour just gone and the hour which will be next. In this example the shorter hand is halfway between the 10 and 11.



● What times are these clocks showing?



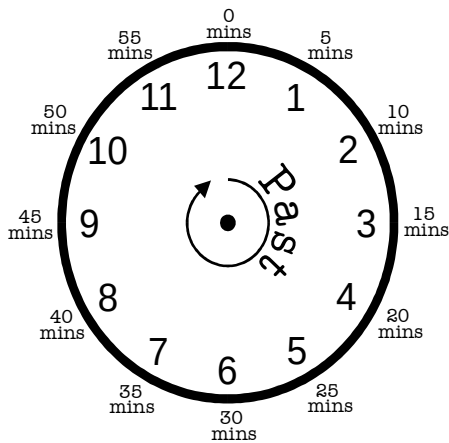
Name: _____

Time - To the Nearest 5 Minutes

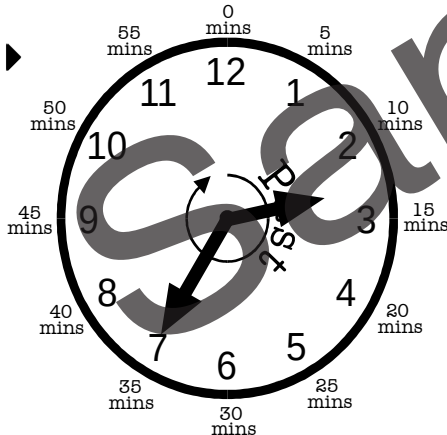
Each number on the clock face represents five minutes of time for the minute hand.

• **1** = 5 minutes • **2** = 10 minutes • **3** = 15 minutes • **4** = 20 minutes, etc.

Minute Hand Standard Clock face

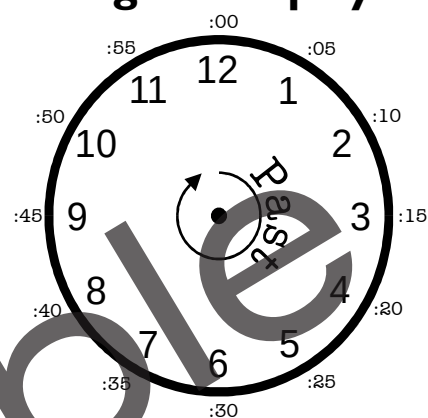


e.g. ▶

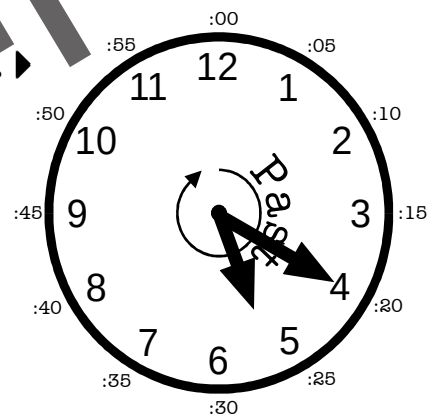


The hour hand is between the 2 and 3. The minute hand pointing to the 7 means 35 minutes past the hour. Therefore the time is **2:35**.

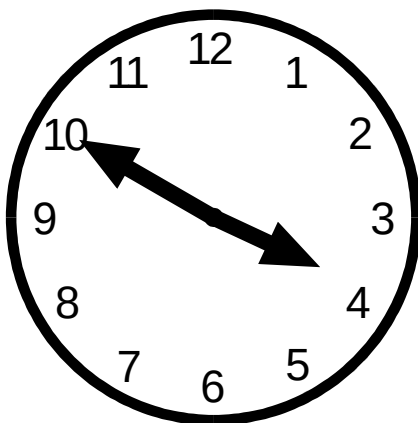
Minute Hand Digital Display



e.g. ▶



The hour hand is between the 5 and 6. The minute hand is pointing to the 4, meaning 20 minutes past the hour. Therefore the time is **5:20**.

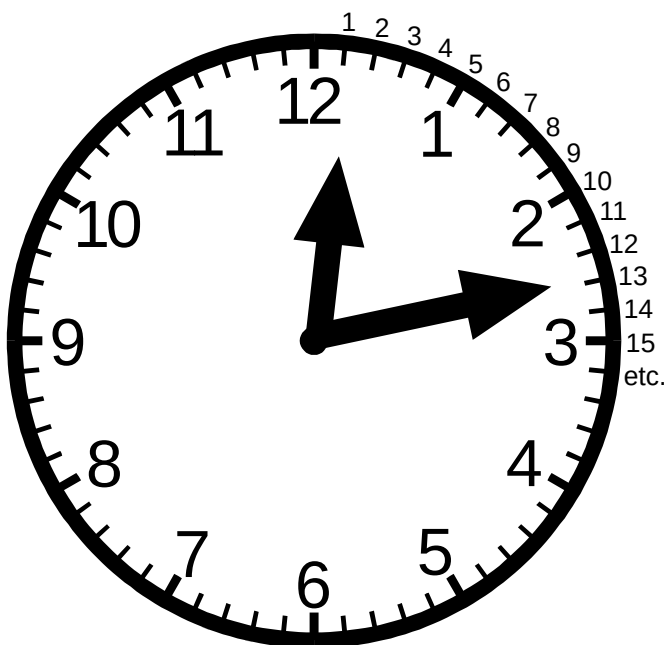


Note: The time is always read with the hour being the last number the small hand has passed.

e.g. Even though the hour hand is nearer the 4 because it is nearly 4 o'clock, the actual time is **3:50** because 3:00 was the last hour passed.

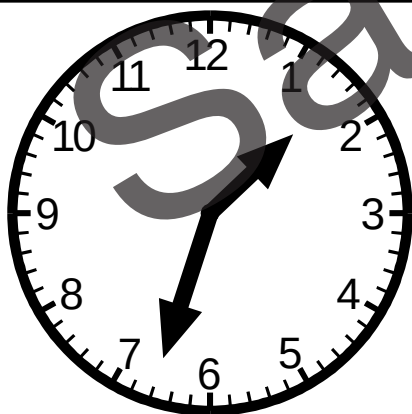
Name: _____

Time - To the Nearest Minute (I)

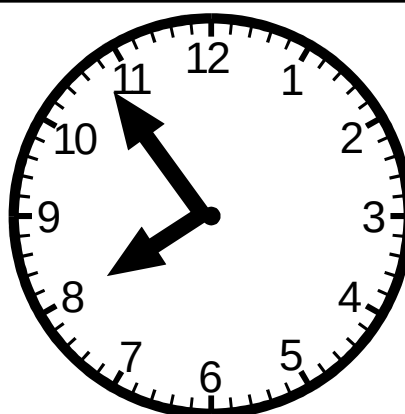


- Between each number on the clock face there are five minutes.
- The minute hand shows each of these minutes as it moves past.
e.g. 1 is 5 minutes past
4 is 20 minutes past
- The minutes between the numbers are also read,
e.g. This clock shows 12:13.
- 13 means 13 minutes past the hour.
- The hour hand is read by the actual number the small hand is pointing to or has last passed.

Examples



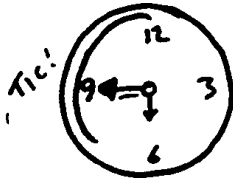
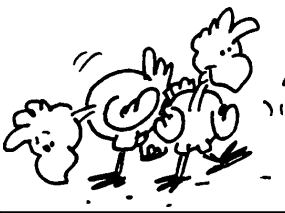
- A.** The hour hand is between the 1 and 2 and has passed 1.
The minute hand is pointing to the minutes between the 6 and 7.
Remember: the 6 = 30 minutes and 7 = 35 minutes.
The minute hand is 3 minutes past 30 minutes, i.e. 33 minutes past.
Therefore the correct time on the clock is **1:33**.



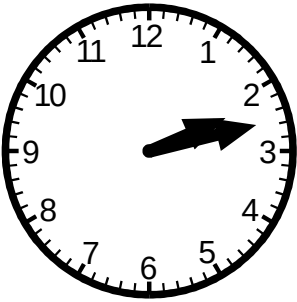
- B.** The hour hand is between 7 and 8 and has passed 7.
The minute hand is between 50 minutes and 55 minutes. It is pointing to 54 minutes.
Therefore the time on the clock is **7:54**.

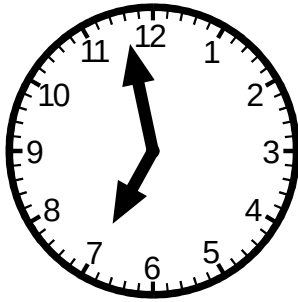
Name: _____

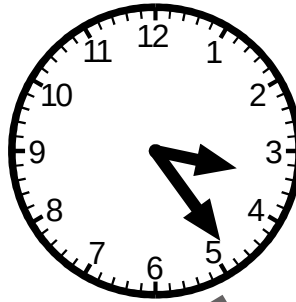
Time - To the Nearest Minute (2)

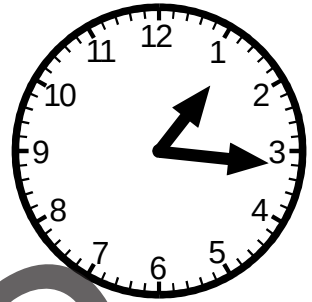


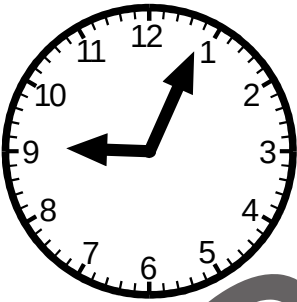
- What times are these clock faces showing?

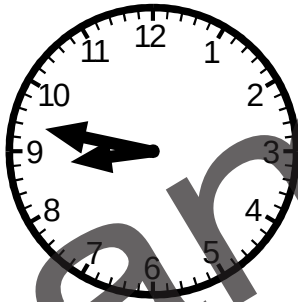


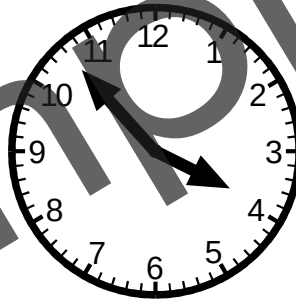


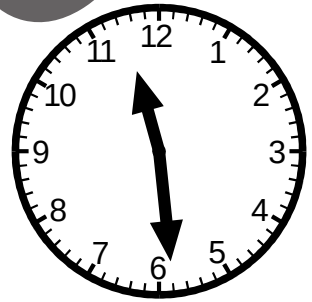


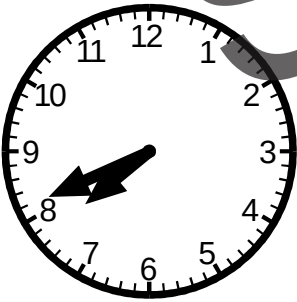


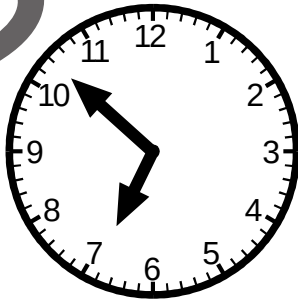


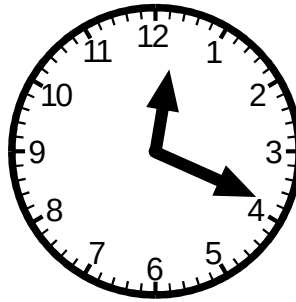


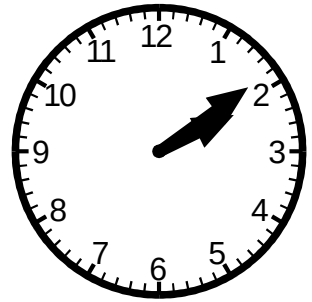


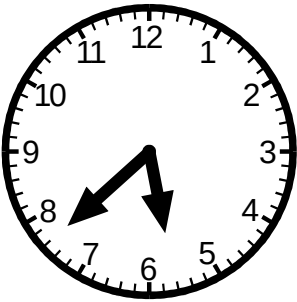


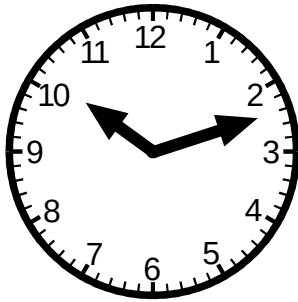


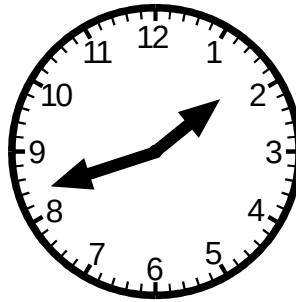


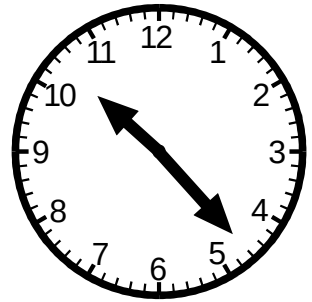












Name: _____

Passing of Time (4)

● How much time has passed between ...

- 1) 4:00 pm to 7:00 pm? _____
- 2) 2:00 pm to 10:00 pm? _____
- 3) 2:00 am to 6:00 am? _____
- 4) 3:00 pm to 11 pm? _____
- 5) 7:00 pm to midnight? _____
- 6) 6:30 am to 7:30 am? _____
- 7) 5:00 pm to 8:30 pm? _____
- 8) 8:30 am to 12:00 pm? _____
- 9) 4:30 pm to 9:30 pm? _____
- 10) 11:00 am to 3:00 pm? _____
- 11) 9:00 am to 4:00 pm? _____
- 12) Midnight to 7:00 am? _____
- 13) 10:30 am to 2:30 pm? _____
- 14) 5:15 pm to 8:00 pm? _____
- 15) 3:35 pm to 5:00 pm? _____
- 16) 6:00 am to 8:15 am? _____
- 17) 10:00 pm to 10:45 pm? _____
- 18) 6:30 pm to 7:15 pm? _____
- 19) 2:05 am to 2:40 am? _____
- 20) 3:20 pm to 3:40 pm? _____
- 21) 8:45 am to 9:15 am? _____
- 22) 3:10 pm to 4:20 pm? _____
- 23) 7:50 pm to 8:30 pm? _____
- 24) 10:40 am to 12:10 pm? _____
- 25) 7:55 am to 1:25 pm? _____



Name: _____

Digital Time and Clock Faces

- Make the corresponding times on these clock faces.

