ALLEN IntelliBrain®

Experiential Experimental Edutaining

MATHS

SAMPLE BOOK

3 GRADE

MATHS

I'm the

Intelli Kid

.....

and

I'm becoming the

Best Version

of myself with

ALLEN Intelli Brain®

Experiential Experimental Edutaining

Skool+ Curriculum, Content & Learning Outcomes are based on NATIONAL EDUCATION POLICY 2020 RECOMMENDED by GOVERNMENT OF INDIA

INDEX

GRADE-3

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I AM PROGRESSING

(Tick mark the columns after achieving the Learning Milestones)

TOPIC	1st Learning	Exercise Solving	1st Revision	2nd Revision
Numerals and Number Names				
Number Sense				
Roman Numerals				
Computation Operations				
Fractions				
Measurement of Length, Weight, Capacity & Temperature				
Time and Calendar				
Money				
Geometry				
Data Handling				
Symmetry				

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MATHS

SAMPLE THEORY

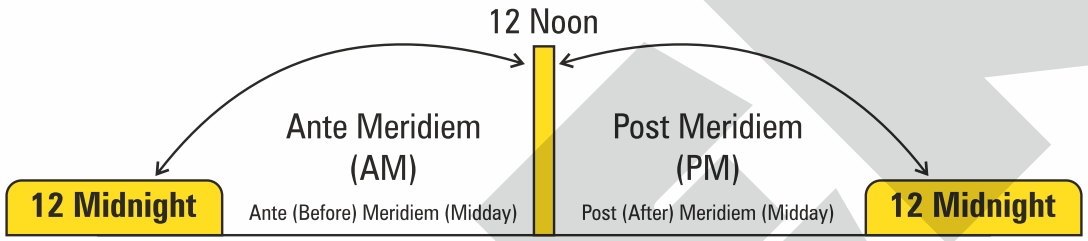
CHAPTER 7

TIME AND CALENDAR

TIME

Time is the continuing sequence of events from the past into the future. Time can run only in a forward direction. We cannot go back in Time.

Past (Yesterday) **Present (Today)** **Future (Tomorrow)**

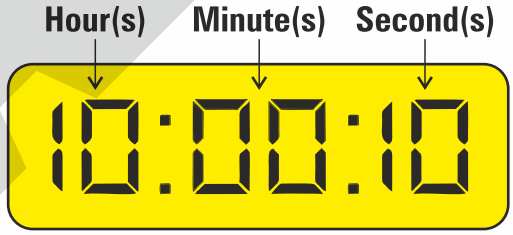


Analog Clock

Hour Hand (Short Hand) → 1 Circle ↓ 12 Hours

Minute Hand (Long Hand) → 1 Circle ↓ 1 Hour

Second Hand (Long & thinnest Hand) → 1 Circle ↓ 1 Minute



Digital Clock

UNITS OF TIME

- Minutes ÷ 60 → Hours (Quotient)
  ↳ Remainder = Minutes

Example: 67 Minutes = ___?___ Hours.

$$60\overline{)67}$$ quotient 1, -60, remainder 7 ⇨ 1 hour 7 minutes

- Seconds ÷ 60 → Minutes (Quotient)
  ↳ Remainder = Seconds

Example: 270 Seconds = ___?___ Minutes.

$$60\overline{)270}$$ quotient 4, -240, remainder 30 ⇨ 4 minutes 30 seconds

READING & TELLING TIME

Half an hour = 30 Minutes

The hour hand is at 7 and the minute hand is at 12, so the time is 7 O'Clock.	The hour hand is between 3 and 4. The minute hand is at 6. The time is half past 3 or 3:30.	1 Day = 24 Hours 1 Hour = 60 Minutes 1 Minute = 60 Seconds

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SAMPLE EXERCISE

Directions: Solve the following multiple choice questions by choosing the most appropriate option.

1. The first half of the day that is from midnight to noon, is called _____.

(1) PM (2) AM (3) DC (4) AC

2. Which one is the correct example for PM time?

(1) Bathing Time 

(2) Breakfast Time 

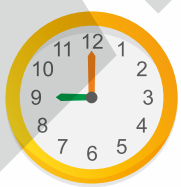
(3) Lunch Time 

(4) Sunrise 

3. Which of the following option represents the correct time for breakfast?

(1) 
8:00 PM

(2) 
12:00 NOON

(3) 
9:00 PM

(4) 
8:00 AM

4. Jerry went to art class with his friends at _____.

(1) 2:00 AM (2) 12:00 PM (3) 2:00 PM (4) 1:00 AM

5. Choose the correct time shown on the clock given below.

(1) 7 O'clock (2) 6 O'clock
(3) Half Past 7 (4) Half Past 6

6. In the 12 hours format, what time is actually represented as 14:00 ?

(1) 1:00 PM (2) 3:00 PM (3) 2:00 PM (4) 7:00 PM

7. To convert hours into minutes, we apply _____.

(1) Subtraction (2) Division (3) Multiplication (4) Addition

8. Half of an hour is _____ minutes.

(1) 40 (2) 20 (3) 15 (4) 30

9. A 12 hour clock shows 4:00 pm. What will be the same time shown on a 24 hour clock?

(1) 18:00 (2) 13:00 (3) 15:00 (4) 16:00

10. Observe and find the duration.

(1) 20 (2) 30 (3) 45 (4) 60

11. Erica ran the first half of a race in 18.25 seconds and last half in 16.28 seconds. How much time did Erica take to run the whole race ?

(1) 34.53 seconds (2) 24.53 seconds (3) 34.53 seconds (4) 34.53 seconds

12. In the United States, about 350 slices of pizza are eaten by pizza lovers per second. About how many slices of pizza are eaten in one minute ?

(1) 2,100 (2) 8,400 (3) 18,000 (4) 21,000