HOLYFAITH PRESENTATION SCHOOL
RAWALPORA SRINAGAR

Class: 4th

Subject: Math (Merry Math, NCERT)

Session: 2024-2025

Formative Assessment-II

Chapter 4
TICK TICK TICK

Page 41, 42, 43 on book, class activity
Page 44 (Q1 on book, class activity)

2. How long does your school assembly take? _____

Ans. My school assembly takes 20 minutes.

3. How long is your lunch break?

Ans. The lunch break in my school is 35 minutes long.

4. How long is your games period?

Ans. The games period is 45 minutes long in my school.

5. Is it the same as all the other periods?

Ans. No.

6. The games period and lunch break seem very short! Aren't they?

Ans. No, these are of enough length.

Page 45

1. How many minutes can these activities take? Make a guess and then check at home.
• Boiling of 1 litre of milk.
Ans. It takes about 5 minutes.
• Filling a bucket.
Ans. It takes about 2 minutes.
• Sweeping your room.
Ans. It takes about 3 minutes.

Activity Time

1. In one'minute, how many times can you
(a) Snap your finger   _____
(b) Skip a rope   _____
(c) Jump up and down   _____
(d)_____   _____

Class activity

2. Here is another challenge for you. How long can you

(a) Speak non-stop   _____
(b) Stand on one leg _____
(c) Sing 'Aaaaa..without a break   _____
Ans. Class activity.
Page 46

3. How long do you take to
(a) Run a 50 metre race
(b) Collect 50 pebbles from the ground

(c) Count 1 to 100

Ans.

(a) Run a 50 metre race	3 minutes
(b) Collect 50 pebbles from the ground	2 minutes
(c) Count 1 to 100	1 minute

1. Let's look at a clock again! Solve this one (a) The minute hand started from '2'. How many minutes will it take to come back to '2' again? Ans. It takes 60 minutes. As it makes one rotation in 60 minutes. (b) What happens to the hour hand? Does it also move? How long will it take to move from one number to the next? Ans. Yes, hour hand also moves, it will take 60 minutes to move from one number to the next. (c) Look around you and list the activities that take about one hour to complete. 1. 2. 3. 4. 5.

Ans. List of some common activities which take about one hour to complete.
1. Going to the mosque and coming back.
2. Cleaning of house.
3. Completing one small chapter of math.
4. Preparing of breakfast by my mother.
5. Drawing a picture in my drawing book.

2. How long does it take to cook dinner at home? More than an hour/less than an hour.

Ans. Class activity

3. Ask your father if he can cook as fast as your mother does. Yes/No.

Ans. Class activity.

4. Which games take less than an hour to finish?

Ans. Some games such as race, high jump, long jump, relay race, swimming, etc. take less than an hour to finish.

5. How long does a football match take?

Ans. The duration of a standard adult football match is 90 minutes plus 15 minutes break.

Page 47 and 48 class activity.

Page 50

1. Mark these in the correct order on Muniya's Time Line.
Ans. Class activity.

2. Muniya got her first tooth in September. How many months old was she then? How many months have passed from March to September?
Ans. She was about 6 months and 11 days old when she got her first tooth. Six months have passed from March to September.

3. How old was Muniya, when
(a) She first sat up? (b) She got her first tooth?
Ans.
 (a) Class activity.
 (b) Class activity.

4. What did she do first
(a) Walking/eating a banana? (b) Crawling/standing? Ans.
(a) First she ate a banana. (b) First she started crawling.

Page 51
1. Now make a time-line of a dog's life in your notebook.
Ans. Time line of a dog's life is given here:

2. Note the differences between Muniya and Rani's puppy.
Ans. Class activity.

Page 52
Find Out

1. Do all animals grow at the same speed?
Ans. No, the growth of all animals is not the same.

2. Find about the growth of:
(a) A hen (b) A cow (c) A bird
Ans. These animals grow in the following order:
     A bird, A hen, A cow.

3. Draw pictures of the baby animals and the big animals.
Ans. Class activity

4. Here are the pictures of grandfathers posing for a photograph. Who looks the oldest to you?
Ans. Rani's grandfather

• How much older is Appu's grandfather than Rani's grandfather?

Ans. Age of elephant Appu's grandfather = 95 years

Age of Rani's grandfather = 70 years.

Difference between the age of Appu's grandfather and Rani's grandfather= 95-70=25 years

So, Appu's grandfather is 25 years older than Rani's grandfather.

• Will Chuchoo's grandfather ever grow as old as Appu's grandfather?

Ans. No

• How much younger is Chuchoo rat's grandfather than Rani's grandfather?

Ans. Age of Rani's grandfather = 70 years

Age of Rat's grandfather = 2 years

Difference = 70 – 2 = 68 years

Hence, Chuchoo rat's grandfather is 68 years younger than Rani's grandfather.

Page 54

Holidays are Fun

1. Now write which dates these stand for

5/5/06 ___   20/5/06 _____
7/6/06 ___   1/1/07 _____

Ans.

| 5/5/06 | 5 May 2006 | 20/5/06 | 20 May 2006 |
| 7/6/06 | 7 June 2006 | 1/1/07 | 1 January 2007 |

2. Write these dates in numbers.

1 June 2006   _____
30 May 2006   _____
10 August 2007   _____

Ans.

1 June 2006	1/6/06
30 May 2006	30/5/06
10 August 2007	10/8/07

3. How long did it take the letter to reach from Ajmer to Nagpur?

Ans. Atif wrote letter on 1/5/06 from Ajmer. Shabana got the letter on 6/5/06 in Nagpur. Therefore, it took 5 days to reach from Ajmer to Nagpur.

4. How many days will Atif spend at his Nani's place?

Ans. Atif went to his Nani's place on 5/5/06 and returned back on 20/5/06. Therefore, he spent 15 days at his Nani's place.

5. Fill in the table

Ans. Class activity.

6. Who has got longer holidays—Shabana or Atif?

Ans. Shabana's school was closed for 70 days while Atif's school was closed for 60 days.Therefore, Shabana got longer holidays than Atif.

7. Which long holidays do you get in school? Fill the table.

Class activity Page 55 1. On 15 May 2006 Chandran went to a shop to buy butter. He checked the packet to see if this butter was safe to eat. It was written on the packet-Best before 180 days from the date of packing. Then he checked the date of packing. It was 15/01/06. Help him find out if he should buy this butter or not. • In which month was the butter packed? Ans. The butter was packed on 15th January 2006. • Which month will it be 180 days after 15/01/06? Ans. Class activity. • Can Chandran eat it on 15th May 2006? Ans. Yes, he can eat it on 15th May 2006 . 2. Do you ever check the date of packing of things you buy? Ans. Yes, I checked the date of packing of things before bought it.

3. Have you seen medicines which have the expiry date written on them? It tells you after which date it is unsafe to take the medicine.
Ans. Yes, I saw medicines which have the expiry date written on them. It is safe to take those medicines before expiry date.

Find Out

4. Which are the other things that come with an expiry date?
On a cough syrup it was written:
Mfg. date   07/03
This shows it was made in July 2003.
Exp. date   07/05
This shows the month and year till when it is safe to take.
Ans. Class activity.

5. What month and year is written as 07/05?
Ans. This stands for July 2005.

6. Would it be safe to take the cough syrup in September 2005?
Ans. As we saw this is the expiry date written oi} the cough syrup in the example given above, so it is not safe to take this medicine in September 2005.

Page 56
1. Can you guess why they missed the train?
Ans. Railway uses 24 hours clock time. The ticket shows time as 5:30 means the train was in the morning and they reached at the station in the 5:15 evening, so they missed the train.

Page 58
1. Look at this chart. It tells the difference between your watch and a 24 hour clock. Try to complete it.
Ans. Class activity.

1. Now can you tell why a 24-hour clock is called so?
Ans. A 24-hours clock show the time for whole day which is of 24 hours. Hence, it is called so.

2. Suppose a train leaves at 8:30 at night. The time written on the Railway ticket would be_____
Ans. The time for 8:30 night would be written on a railway ticket as 20:30.

Page 59

3. You must have noted the time of sunrise and sunset. Write here using am and pm.

Ans. Class activity.

4. Where have you seen a 24-hour clock being used?
1._____2._____3._____
Ans.
1. In airport timetable 2. In railways time table 3. In bus time table.

Page 60 to 66 class activity.