

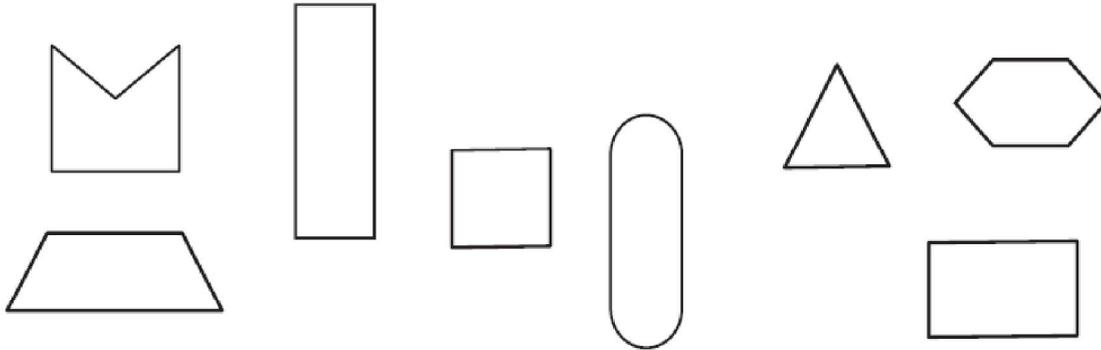
## MATHS PRACTICE WORKSHEET

NAME:

CLASS:

SEC:

- How many faces in all does a brick have? \_\_\_\_\_
- Is any face a Square?
- Draw the smallest face of the brick.
  
- Draw the largest face of the brick.
  
- Which of these are the faces of a brick?



- Can you guess how high is the chimney here? Is it:

a) about 5 metres?                      b) about 15 metres?                      c) about 50 metres?

- Take one brick and measure it.

a) How long is it? \_\_\_\_\_  
b) How wide is it? \_\_\_\_\_  
c) How high is it? \_\_\_\_\_

Muniya wants to make a wall 1 metre long. How many bricks will she need to put in a line? \_\_\_\_\_

- Bhajan went to buy bricks. The price was given for one thousand bricks. The prices were also different for different types of bricks.

Old bricks	– Rs 1200 for one thousand bricks
New bricks from Intapur	– Rs 1800 for one thousand bricks
New bricks from Brickabad	– Rs 2000 for one thousand bricks

Bhajan decided to buy the new bricks from Brickabad. He bought three thousand bricks. How much did he pay? \_\_\_\_\_

Guess what he will pay if he buys 500 old bricks.

**Ans:**

### ***Race***

This is a 100 metre race for girls. Arundhati is nearest the finishing line. She is about 6 metres from it. Behind her is Rehana. Konkana and Uma are running behind Rehana. Look at the picture. To answer the questions below choose from these distances:

3 metres

6 metres

10 metres

15 metres

- a) How far is Rehana from Arundhati? \_\_\_\_\_  
b) How far ahead is Rehana from Konkana and Uma? \_\_\_\_\_

c) How far are Konkana and Uma from the finishing line? \_\_\_\_\_

1 km = \_\_\_\_\_ m

1 m = \_\_\_\_\_ cm

Have you heard about a 1500 m or 3000 m race? So you can say

In a 1500 metres race people run \_\_\_\_\_ km

In a 3000 metres race people run \_\_\_\_\_ km

Have you heard about marathon races in which people have to run about 40 kilometres? People run marathons on roads because the track of a stadium is only 400 metres.

10 rounds of a stadium track = \_\_\_\_\_ km

So, if you run a marathon on a stadium track, you will have to complete \_\_\_\_\_ rounds !

### Long Jump

Dhanu has the longest jump of 3 metres 40 cm. Gurjeet is second. His jump is 20 cm less than Dhanu's.

Gopi comes third.

His jump is only 5 cm less than Gurjeet's jump.

How long are Gurjeet's and Gopi's jumps?

Try and see how far you can jump.

How far can you throw a ball? \_\_\_\_\_ metres.

Look for a big ball, like a football or volleyball. How far can you kick it? \_\_\_\_\_

### CONVERSION

4 m 55 cm = \_\_\_\_\_ cm

7 m 6 cm = \_\_\_\_\_ cm

8 m 89 cm = \_\_\_\_\_ cm

7 m 45 cm = \_\_\_\_\_ cm

3 m 16 cm = \_\_\_\_\_ cm

18 m 8 cm = \_\_\_\_\_ cm

8 km 45 m = \_\_\_\_\_ km

5 km 520 m = \_\_\_\_\_ km

44 km 660 m = \_\_\_\_\_ km

18 km 425 m = \_\_\_\_\_ km

5 km 50 m = \_\_\_\_\_ km

23 km 166 m = \_\_\_\_\_ km

Sports	World Record	Indian Record
High Jump (Men)	Javier S. (2m 45 cm)	Chandra Pal (2m 17 cm)
Long Jump (Men)	Mike P. (8m 95 cm)	Amrit Pal (8m 8 cm)
High Jump (Women)	Stefka K. (2m 9 cm)	Bobby A. (1m 91 cm)
Long Jump (Women)	Galina C. (7m 52 cm)	Anju G. (6m 83 cm)

Find out from the table –

1. How many centimetres more should Chandra Pal jump to equal the Men's World Record for high jump?

2. How many centimetres higher should Bobby A. jump to reach 2 metres?

Remember that 1m = 100 cm

Half metre = ?



Cost of 100 litres of diesel is Rs. 3500. Find the cost of one litre of diesel.

**Ans:**

117 deers and 37 bisons are counted in a cave. How many deer are there more than bison?

**Ans:**

But Bonomala is the happiest because the number of people is even more than the number of deer and bisons together. Her count is less than 200.

How many people must Bonomala have counted?

214 / 154 / 134 / 177

They have spent 1 hour there. What time is it? \_\_\_\_\_

I gave four toffees each to four of my friends and three toffees are left with me. How many toffees did I have?

**Ans:**

What number can you make using 3, 5 and 7?

**Ans:**

A number becomes double if it is increased by 8. What is the number?

**Ans:**

Think of a number which can be divided by 2, 3 and 5 and comes between 25 and 50.

**Ans:**

210 children went on picnic. Biscuits, oranges and bananas are also distributed in all the buses. Each child is to be given 1 orange, 1 banana and 5 biscuits. All the children take oranges and biscuits but 38 children do not take bananas.

How many oranges, biscuits and bananas are distributed?

**Ans:**

### **Practice time –**

1. There are four very old cave-paintings. Mark the oldest.

- |                   |                   |
|-------------------|-------------------|
| a) 4200 years old | c) 8500 years old |
| b) 1000 years old | d) 1300 years old |

2. One bus can carry 48 children. How many children can three buses carry? About—

- |        |        |        |
|--------|--------|--------|
| a) 100 | b) 200 | c) 150 |
|--------|--------|--------|

3. Which pair of numbers add to make more than 500?

a) 152 and 241                      c) 99 and 299

b) 321 and 192                      d) 401 and 91

4. What happened at what time? Draw lines to match.

Crossed the Narmada bridge	3:00 pm
Looked at Bhimbetka paintings	6:00 pm
At the petrol pump	9:10 am
Boating in the lake	12:30 pm
Had lunch	11:30 am
Returned to Hoshangabad	9:30 am

1 year = \_\_\_\_\_ days

1 year = \_\_\_\_\_ months

1 month = \_\_\_\_\_ days

1 week = \_\_\_\_\_ days

1 day = \_\_\_\_\_ hours

1 hour = \_\_\_\_\_ minutes

1 minute = \_\_\_\_\_ seconds

How long does your school assembly take? \_\_\_\_\_

How long is your lunch break? \_\_\_\_\_

How long is your games period? \_\_\_\_\_

Is it the same as all the other periods? \_\_\_\_\_

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

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

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

Write which dates these stand for –

5/5/06 \_\_\_\_\_

20/5/06 \_\_\_\_\_

7/6/06 \_\_\_\_\_

1/1/07 \_\_\_\_\_

Write these dates in numbers.

1 June 2006 \_\_\_\_\_

30 May 2006 \_\_\_\_\_

10 Aug 2007 \_\_\_\_\_

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? \_\_\_\_\_

Which month will it be 180 days after 15/01/06? \_\_\_\_\_

Can Chandran eat it on 15th May 2006? \_\_\_\_\_

Do you ever check the date of packing of things you buy?

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.

What month and year is written as 07/05 ?

Would it be safe to take the cough syrup in September 2005? \_\_\_\_\_

<b>Time by your watch (12-hour clock)</b>	<b>Time by a 24 – hour clock</b>
1 O'clock in the afternoon	
2 O'clock in the afternoon	
3 O'clock in the afternoon	
3:30 in the afternoon	
6 O'clock in the evening	
9 O'clock in the evening	
12 O'clock in the midnight	

Suppose a train leaves at 8:30 at night. The time written on the Railway ticket would be \_\_\_\_\_.

If a person who runs a tea stall earns Rs 30 in a day, how much will he earn in 10 days? \_\_\_\_\_  
And in a month? \_\_\_\_\_

For 1 rickshaw she gets Rs 20 per day.  
So, for 9 rickshaws she will earn Rs \_\_\_\_\_.

#### **Rate-List**

Kind of Junk	Price of 1 Kg
1. Waste Paper .....	Rs 4/-
2. Newspaper .....	Rs 5/-
3. Iron .....	Rs 12/-
4. Brass .....	Rs 170/-
5. Plastic .....	Rs 10/-

How much will Kiran pay for 42 kg newspaper?

**Ans:**

Also find the cost of:

a) 22 kg of plastic

**Ans:**

b) 23 kg of waste paper

**Ans:**

c) 12 kg of iron

**Ans:**

Dinu's Rate-List

Kind of Junk	Price of 1 Kg
1. Newspaper .....	Rs 6/-
2. Iron .....	Rs 14/-
3. Brass .....	Rs 180/-
4. Plastic .....	Rs 12/-

How much will Dinu pay for 63 kg plastic?

**Ans:**

Kiran bought 1 kg plastic for Rs 10, but sold 1 kg plastic for Rs 12. How much money does she earn on selling 1 kg plastic? Rs \_\_\_\_\_

So, how much money does she earn for 63 kg? Rs \_\_\_\_\_

**Ans:**

Kiran sells 32 kg iron. How much money will Dinu pay for 32 kg iron?

**Ans:**

Kiran buys 1 kg iron for Rs 12, but sells it for Rs 14. How much does she earn when she sells 32 kg iron?

Rs \_\_\_\_\_

**Ans:**

What will Dinu pay for 152 kg newspaper?

**Ans:**

**Calculate:**

a)  $37 \times 18 =$

b)  $45 \times 24 =$

e)  $142 \times 5 =$

f)  $382 \times 3 =$

c)  $69 \times 52 =$

g)  $2 \times 175 =$

d)  $77 \times 55 =$

h)  $4 \times 206 =$

**Convert into 24-hours time**

5:25 am \_\_\_\_\_

9:00 am \_\_\_\_\_

11:25 am \_\_\_\_\_

12:01 pm \_\_\_\_\_

1:30 pm \_\_\_\_\_

2:50 pm \_\_\_\_\_

5:00 pm \_\_\_\_\_

6:00 pm \_\_\_\_\_

9:20 pm \_\_\_\_\_

11:20 pm \_\_\_\_\_

12:00 midnight \_\_\_\_\_

12:00 noon \_\_\_\_\_

**Convert into 12-hours time**

6:00 hours \_\_\_\_\_

10:20 hours \_\_\_\_\_

11:50 hours \_\_\_\_\_

12:00 hours \_\_\_\_\_

12:30 hours \_\_\_\_\_

14:00 hours \_\_\_\_\_

15:15 hours \_\_\_\_\_

20:10 hours \_\_\_\_\_

23:30 hours \_\_\_\_\_

24:00 hours \_\_\_\_\_

Amina's water bottle holds one litre of water. She drank 250 mL of water and her friend Govind drank 150 mL. How much water is left in her bottle?

**Ans:**

Yusuf runs a tea shop. For making a glass of tea he uses 20 mL of milk. Yesterday he made 100 glasses of tea. How much milk did he use?

**Ans:**

Radha's grandma was ill. The doctor gave her a bottle with 200 mL of medicine. She has to take the medicine every morning for 10 days.

How many millilitres of medicine does she have to take every morning? \_\_\_\_\_

**Ans:**

The table shows the water used in one day by a family of 5 people. They live in Goodallur village.

Activity	Water in litres (L)
Cooking and drinking	30 L
Washing clothes	40 L
Cleaning pots, pans	20 L
Bathing	75 L

Total water used by them \_\_\_\_\_

Chelannur village has a milk society. Geetha and Ammini went there to buy 4 litres of milk. But the man could not find the one litre measure. He had only a 3 litre and a 5 litre bottle with him. But he gave them exactly 4 litres of milk. Explain how he did this.

**Ans:**

Momun comes to school from very far. He first walks about 400 metres to the pond. With slippers in his hands, he then walks 150 metres through the pond. Next he runs across the 350 metres wide green field. Then he carefully crosses the 40 metres wide road to reach his school.

How much does Momun walk every day to reach school? \_\_\_\_\_

Is it more than 1 km? \_\_\_\_\_

**Ans:**

S. No.	Name of the Boat	Ticket price	Trip time
1	Double-decker	Rs 30	45 minutes
2	Paddle-boat	Rs 15	30 minutes
3	Motor-boat	Rs 25	20 minutes
4	Boat with oars	Rs 15	45 minutes

Indra and Bhanu first went in the motor-boat, and then took the oar-boat.

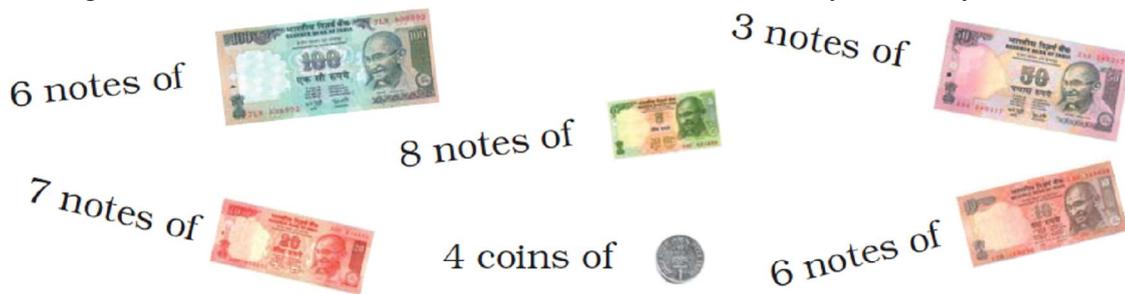
How much did they pay for both the boats? Rs \_\_\_\_\_

How much time did they get for both rides? \_\_\_\_\_

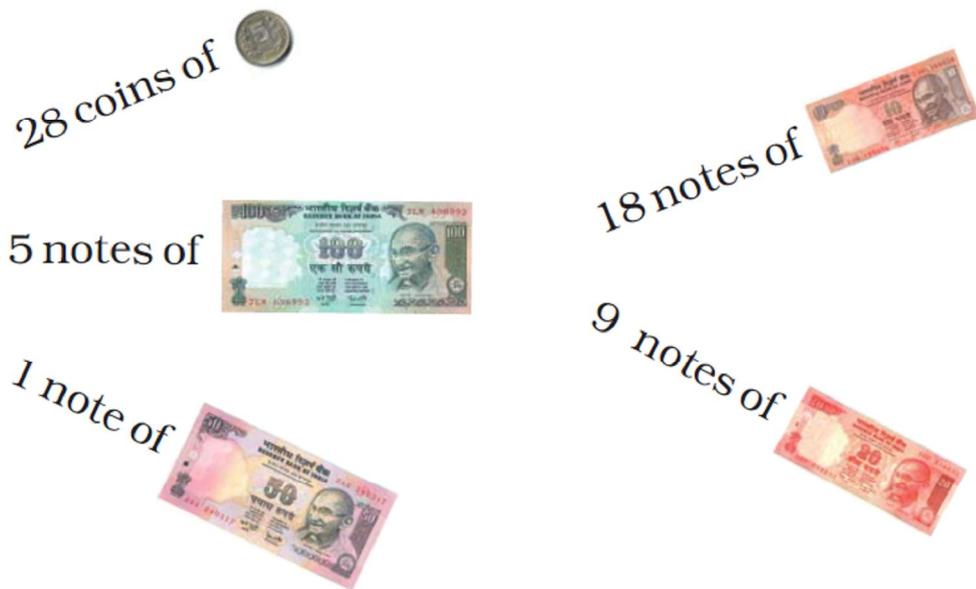
One group of children went for the double-decker trip.

They paid Rs 450 in total. How many children went for the double-decker trip? \_\_\_\_\_

Kiran bought some junk from the junk collectors. She paid them Rs 841. She sold the junk at Dinu's big shop and Dinu gave her these notes and coins. Calculate how much money earned by Kiran.

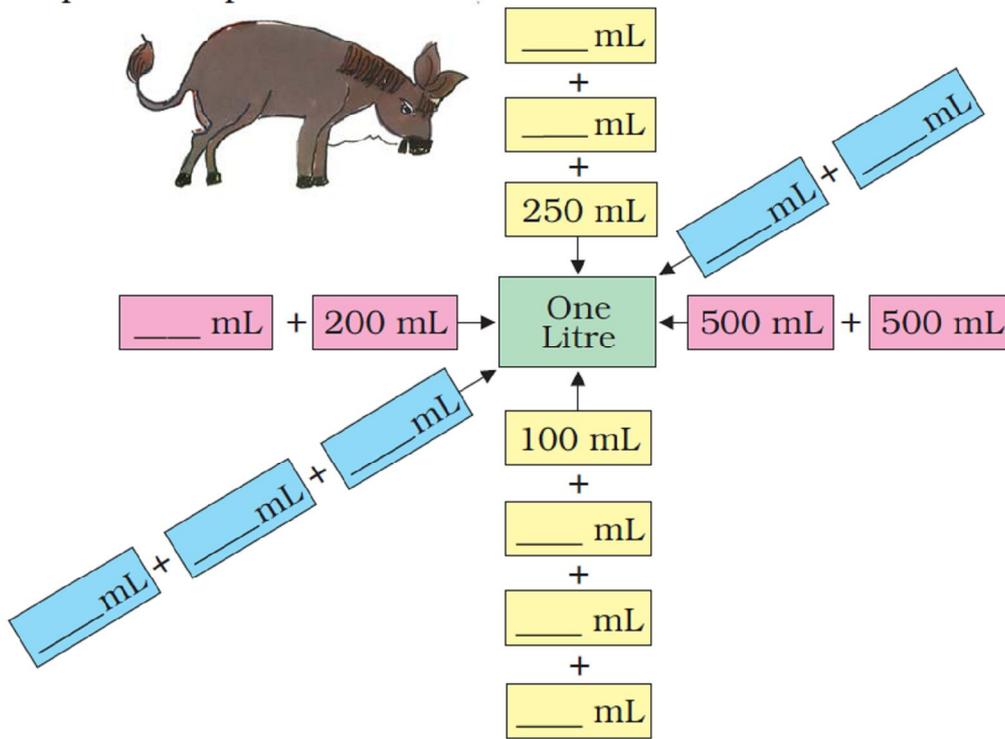


Later she paid Rs 919 to the junk collectors. When she sold the junk she got these notes and coins from Dinu.



1 litre = \_\_\_\_\_ ml

The donkey is trying to look for different ways to add up to 1 litre. Help him complete the chart.



The doctor has told Devi Prasad to run 2 km every day to stay fit. He took one round of this field. How far did he run?

**Ans:**

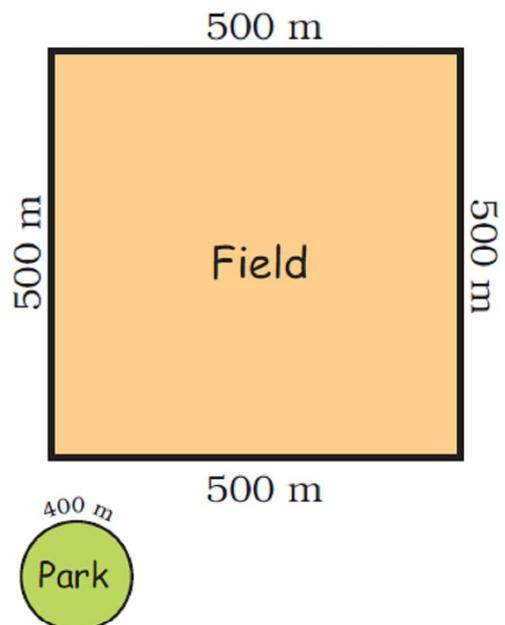
The field was very far from his home. So he chose a park nearby. The boundary of the park was about 400 metres long.

How many rounds of the park must Devi Prasad run to complete 2 km?

**Ans:**

One day the weather was very good and a cool breeze was blowing. He felt so good that he kept jogging till he got tired after 8 rounds. That day he ran \_\_\_\_\_ km and \_\_\_\_\_ metres !

**Ans:**



Manoj is going to Bangalore which is 264 kilometres (km) away. Rahul is going to Pune which is 319 km away in the opposite direction.

How far is Pune from Bangalore? \_\_\_\_\_

**Ans:**

**Practice Time**

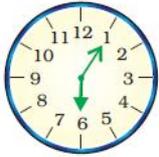
1) Three friends read time from a clock. Who is right?

	Cheeku	Bittu	Pinki
	12:03	12:15	3:00
	7:25	5:07	5:35
	3:35	7:03	7:15

How long will it take the minute hand to move from

a)  to  \_\_\_\_\_

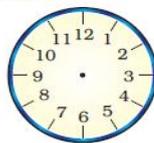
b)  to  \_\_\_\_\_

c)  to  \_\_\_\_\_

d)  to  \_\_\_\_\_

Draw where the hands will be:

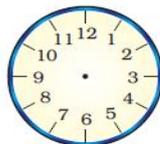
a) 20 minutes after 6 o' clock



c) 10 minutes after 7 o' clock



b) 30 minutes after 8 o' clock



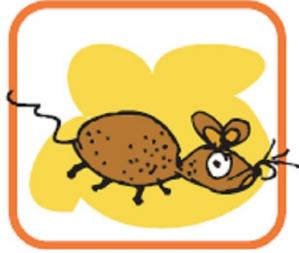
d) 15 minutes after 5 o' clock



Here are the pictures of grandfathers posing for a photograph. Who looks the oldest to you?



Elephant Appu's  
grandfather  
(95 years old)



Chuchoo rat's  
grandfather  
(2 years old)



Rani's  
grandfather  
(70 years old)