

SHIVALIK PUBLIC SCHOOL MOHALI

Worksheet - 1

CLASS - 4

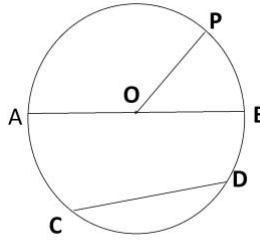
SUBJECT - Maths

UNIT - 6

TOPIC - Carts and wheels

1. Find the diameter of a circle if its radius is 6 cm.
2. Find the radius if the diameter of a circle is 18 cm.
3. Name the following parts of the given circle

- a) Centre
- b) Radius
- c) Diameter
- d) Chord



4. Fill in the blanks:

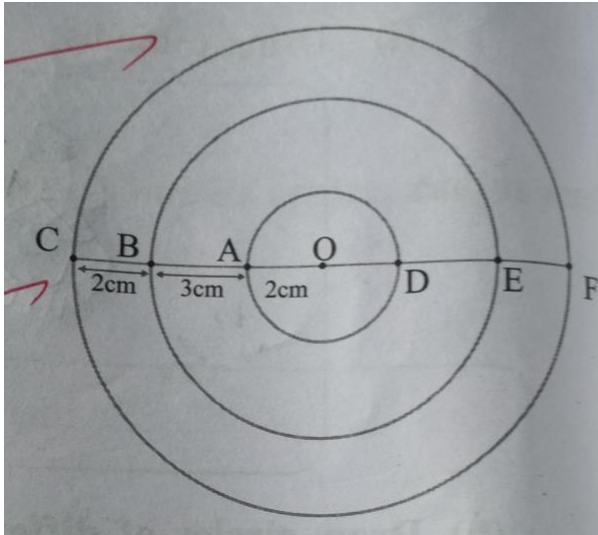
- a) The longest chord of the circle is the _____.
- b) The ___ always passes through the ___ of the circle.
- c) The point which is at equal distance from all the points on the circle is called the ___ of the circle.

5. State True or False:

- a) In a circle there are more than one radius.
- b) A circle can have only one centre.
- c) Diameter is the longest chord of the circle.

6. Two bulls are tied to a pole with two ropes in a field. The length of the ropes are 6 m and 10 m respectively. Who can look for more grass to eat?

7. Answer the following questions by following the circle given below:-



a) If the length of $BC = 2$ cm, then the length of $OC = \underline{\hspace{1cm}}$.

b) What will be the length of AD ?

c) What will be the length of the CD, OE ?

8. Draw a circle of radius 5cm.

ANSWER KEY

1. 12 cm

2. 9 cm

3. a) O

b) OP,OB,OA

c) AB, d) OP

4. a) diameter

b) diameter

c) Radius

5. a) TRUE

b) TRUE c) True

6. The bull tied with the rope of 10 m can eat more grass because of the longer diameter of the rope.

7. a) 7 cm

b) 4 cm

c) $CD = 9$ cm $OE = 5$ cm

SHIVALIK PUBLIC SCHOOL MOHALI
WORKSHEET- 2
CLASS - 4
SUBJECT - Maths
UNIT - 6
TOPIC - Halves and Quarters (Fractions)

1. Write the following fractions in words-
 - a) $\frac{5}{8}$
 - b) $\frac{4}{5}$
 - c) $\frac{3}{9}$
2. Find the values of the following fractions in grams.
 - a) $\frac{1}{2}$ kg
 - b) $\frac{1}{4}$ kg
 - c) $\frac{1}{8}$ kg
3. Find three equivalent fractions of the following -
 - a) $\frac{1}{2}$
 - b) $\frac{4}{5}$
 - c) $\frac{3}{7}$
4. Reduce the following fractions into their lowest forms-
 - a) $\frac{2}{6}$
 - b) $\frac{2}{18}$
 - c) $\frac{2}{26}$
5. Add the following fractions -
 - a) $\frac{1}{5} + \frac{7}{5}$
 - b) $\frac{3}{4} + \frac{5}{4}$
 - c) $\frac{7}{9} + \frac{4}{9}$
6. Subtract the following fractions -
 - a) $\frac{23}{15} - \frac{11}{15}$
 - b) $\frac{11}{4} - \frac{5}{4}$
 - c) $\frac{3}{7} - \frac{2}{7}$
7. There are 48 children and $\frac{2}{3}$ of them are girls. Find

- i) How many girls are there?**
- ii) How many boys are there?**

8. Blue ribbon is to buy $\frac{2}{8}$ m long. A Red ribbon is $\frac{1}{8}$ m longer than the Blue ribbon. What is the length of the red ribbon?

9. In a class of 25 students, $\frac{1}{5}$ of students were absent due to rain. How many students were present on that day?

10. Identify the type of fractions-

- a) $\frac{1}{4}$**
- b) $\frac{2}{3}$, $\frac{4}{3}$, $\frac{5}{3}$**
- c) $\frac{3}{4}$, $\frac{2}{5}$, $\frac{7}{8}$**
- d) $\frac{8}{5}$**
- e) $5\frac{2}{3}$**

Answer key

1. a) five-eighth
b) four-fifth
c) three-nineth
2. a) 500 g
b) 250 g
c) 125 g
3. a) $\frac{2}{4}$, $\frac{3}{6}$, $\frac{4}{8}$
b) $\frac{8}{10}$, $\frac{12}{15}$, $\frac{16}{20}$
c) $\frac{6}{14}$, $\frac{9}{21}$, $\frac{12}{28}$
4. a) $\frac{1}{3}$
b) $\frac{1}{9}$
c) $\frac{1}{13}$
5. a) $\frac{8}{5}$
b) $\frac{8}{4}$
c) $\frac{11}{9}$
6. a) $\frac{13}{15}$
b) $\frac{6}{4}$
c) $\frac{1}{7}$
7. a) 32 girls
b) 16 boys
8. $\frac{3}{8}$ m
9. 20 students
10. a) unit fraction / Proper fraction
b) Like fractions
c) Unlike fractions
d) Improper fraction
e) Mixed fraction

SHIVALIK PUBLIC SCHOOL MOHALI

Worksheet – 3

CLASS - 4

SUBJECT - Maths

UNIT - 7

TOPIC – Jugs and Mugs

Q.1 Convert: (1000 ml = 1 L, 1 L = 1000 ml)

- (a) 5000 ml = _____ L
- (b) 42500 ml = _____ L _____ ml
- (c) 2 L 500 ml = _____ ml
- (d) 25 L = _____ ml
- (e) 25 L 60 ml = _____ ml

Q.2 Find the sum:

- (a) 30 L 904 ml + 23 L 458 ml
- (b) 64 L 735 ml + 47 L 483 ml
- (c) 84 L 647 ml + 73 L 599 ml
- (d) 63 L 734 ml + 17 L 056 ml

Q.3 Subtract the following:

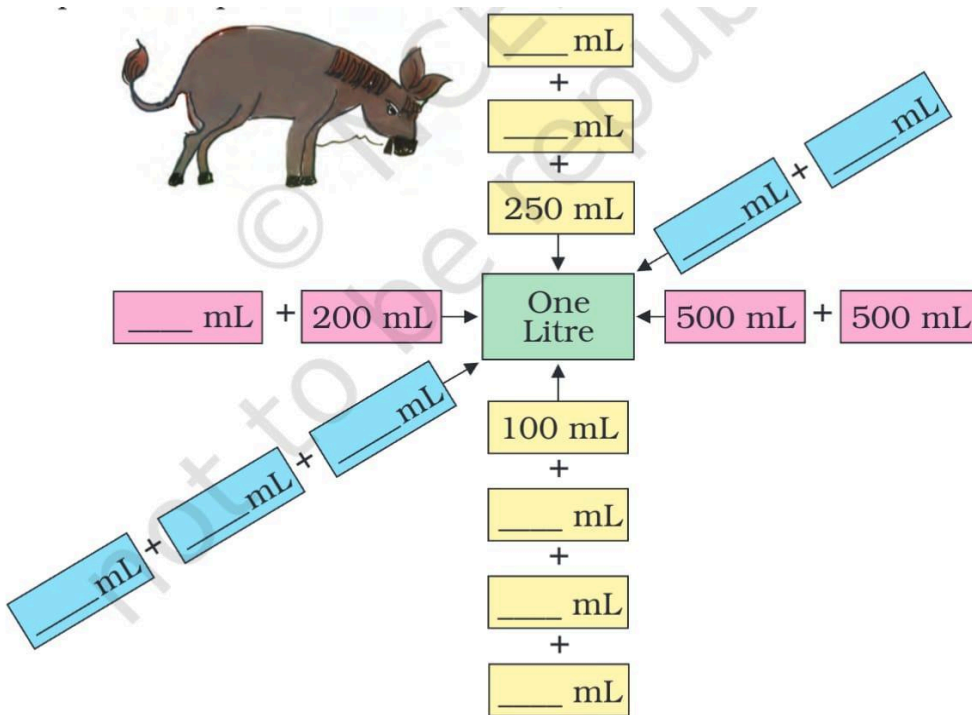
- (a) 47 L 300 ml from 50 L 200 ml
- (b) 19 L 900 ml from 20 L
- (c) 4 L 520 ml from 8 L 859 ml

Q.4 Answer the following questions:

- (a) Sasmita goes to her nani's home by car for which 1 L petrol is required for 1 km. If Nani's home is at a distance of 15 km from her home, then how much petrol is needed?

- (b) Sanjay drinks 500 ml of milk every day. One day, some quantity of milk fell down and got wasted. Sanjay remained with 200 ml of milk only. What is the quantity of wasted milk?

Q.5 The donkey is trying to look for different ways to add up to 1 litre. Help him complete the chart.



ANSWER KEY

Q1. Conversion

- a) 5L
- b) 42 L 500 ml
- c) 2500ml
- d) 25000ml
- e) 25060ml

Q2. Sum

- a) 54L 362 ml
- b) 112L 218 ml
- c) 158L 246 ml
- d) 80L 790 ml

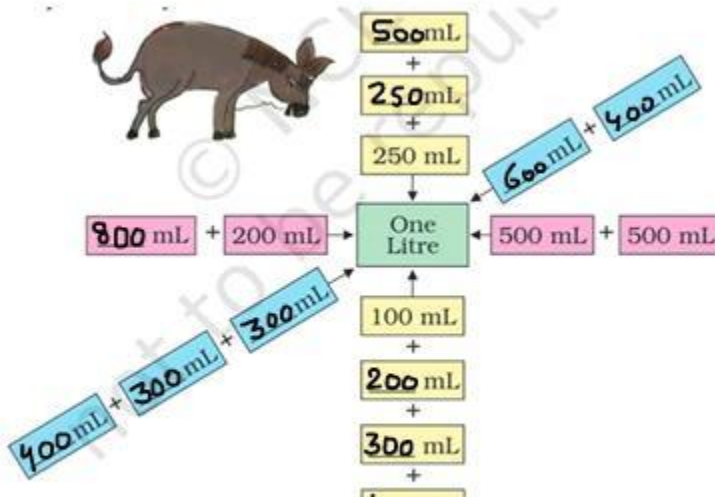
Q3. Subtract

- a) 2 L 900 ml
- b) 100 ml
- c) 4 L 339 ml

Q4. Word problem

- a) 15 L
- b) 300ml

Q5 Complete the chart



WORKSHEET 4

UNIT 8

CLASS 4

Q.1 Solve the following:-

- (a) $42 \text{ kg } 250 \text{ g} + 23 \text{ kg } 500 \text{ g} = \underline{\hspace{2cm}}$
- (b) $45 \text{ kg } 500 \text{ g} - 34 \text{ kg } 250 \text{ g} = \underline{\hspace{2cm}}$
- (c) $23 \text{ kg } 500 \text{ g} + 43 \text{ kg } 250 \text{ g} = \underline{\hspace{2cm}}$
- (d) $55 \text{ kg } 750 \text{ g} - 22 \text{ kg } 250 \text{ g} = \underline{\hspace{2cm}}$
- (e) $34 \text{ kg } 500 \text{ g} + 34 \text{ kg } 700 \text{ g} = \underline{\hspace{2cm}}$
- (f) $99 \text{ kg } 750 \text{ g} - 54 \text{ kg } 700 \text{ g} = \underline{\hspace{2cm}}$
- (g) $26 \text{ kg } 500 \text{ g} + 13 \text{ kg } 250 \text{ g} = \underline{\hspace{2cm}}$
- (h) $54 \text{ kg } 750 \text{ g} - 43 \text{ kg } 250 \text{ g} = \underline{\hspace{2cm}}$

Q2.FILL IN THE BLANKS:

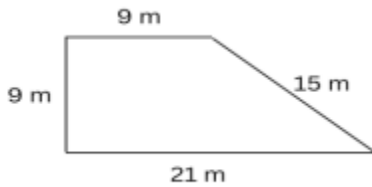
- 1.) One kilogram = $\underline{\hspace{2cm}}$ gram
- 2.) 5 kg = $\underline{\hspace{2cm}}$ gram
- 3.) 15 kg = $\underline{\hspace{2cm}}$ gram
- 4.) 2 kg = $\underline{\hspace{2cm}}$ gram

Q3. FIND THE LENGTH OF BOUNDARY OF THE FOLLOWING :

- 1) A rectangle with length 24 m 12 cm and breadth 15 m 8cm .
- 2) A rectangle with length 35 m and breadth 15 m .
- 3) A square of side 14 m
- 4) A triangle with sides 19 m, 13 m and 8 m

Q4. The school ground that is rectangular in shape is 100 m long and 50 m broad. What is the boundary of the school?

Q5. Find the boundary of the following figure



ANSWER KEY

1). a) 65 kg 750g

b) 11kg 250g

c) 66kg 750g

d) 33kg 500g

e) 69kg 200g

f) 45kg 50g

g) 39kg 750g

h) 11kg 500g

2).

1. 1000

2. 5000

3. 15000

4. 2000

3).

1. Perimeter = 7840cm

2. 100m

3. 56m

4. 40m

4). 300m

5). 54m

SHIVALIK PUBLIC SCHOOL, MOHALI

Worksheet - 5

CLASS - 4

SUBJECT - Maths

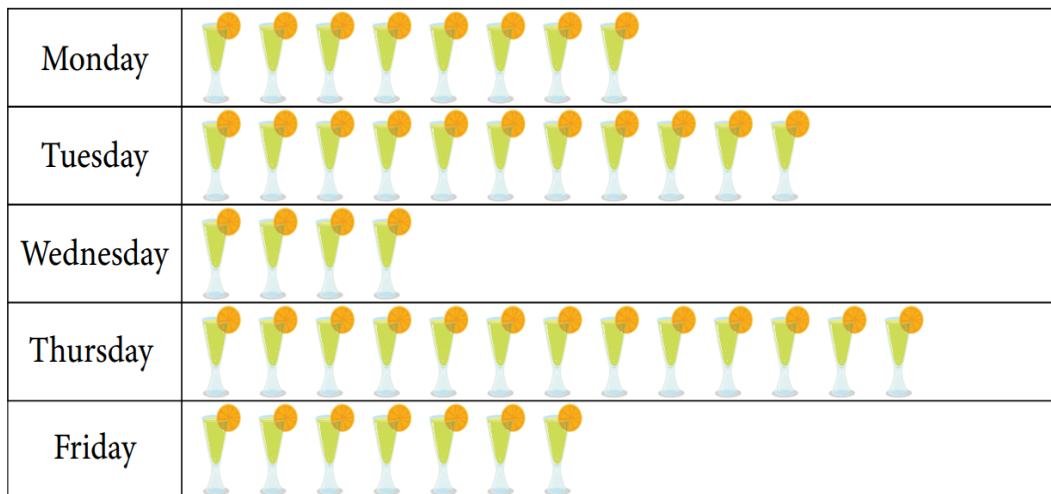
UNIT - 9

TOPIC – SMART CHARTS

Q.1. The table shows the number of children in a class who like different T.V. cartoon channels. Draw a pictograph using symbols to represent the following information according to the scale:

Cartoon Channel	Number of children
Cartoon network	12
Pogo	15
Hungama	21
Disney	27

Q2. Summer brings icy drinks with it. So, answer the following questions on the basis of drinks sold on the weekdays:



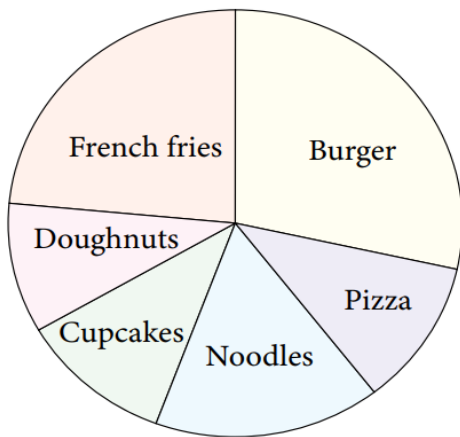
- Which day had the minimum sale of drinks?
- Which day had the maximum sale of drinks?
- How many drinks were sold in all the weekdays?
- On which day had more sale than Tuesday and by how much?
- Which day had less sale than Friday and by how much?

Q3. The following table shows the no. of teddy bears sold in a factory in 4 weeks. Answer the question based on this table:

Weeks	Number of teddy bears
Week 1	23
Week 2	34
Week 3	24
Week 4	53

- Which week had the minimum sale of the teddy bears?
- Which week had the maximum sale of the teddy bears?
- How many teddy bears were sold in all the weeks?
- Which week had more sale than week 2 and by how much?

Q4. The following Pie chart shows the favourite food item of children in a school. Answer the following questions:



- What is the most popular food item?
- What is the least popular food item?
- What is more popular - Pizza or Burger?
- Which is less popular - Noodles or French fries?
- Which is the second most popular food item?

ANSWER KEY

1.



Q2. Answer the following question

- a) Wednesday
- b) Thursday
- c) 43
- d) Thursday. 2 drinks
- e) Wednesday. 3 drinks

Q3. Answer the following questions:

- a) Week 1
- b) Week 4
- c) 134 teddy bears
- d) Week 4. 19 teddy bears

Q4. Pie chart

- a) Burger
- b) Doughnuts
- c) Burger
- d) Noodles
- e) French fries

SHIVALIK PUBLIC SCHOOL, MOHALI

WORKSHEET - 7

CLASS - 4

SUBJECT - MATHS

UNIT - 10

TOPIC - TABLES AND SHARES

1. There are 21 candles to be put equally in 3 boxes. How many candles are there in each box?

2. Divide and check the result:

$$486 \div 7$$

3. A train travels 300 km on day 1 and 500 km on day 2. Find the total distance travelled by train on both the days

4. The answer of division is called__.

5. The number that is divided by another number is called__.

**6. Seema distributed 150 toffees among 25 students on her birthday.
How many toffees does each student get?**

7. Find the product: 692×89

8. $15000 \text{ m} = \text{__ km}$

9. Sham bought 5 kg of potatoes for Rs. 65 and 3 kg of onions for Rs. 21. Find the cost of 1 kg potatoes and 1 kg of onions.

10. If the cost of 1 m of cloth is Rs. 250, find the cost of 7 m of cloth.

ANSWER KEY

1. 7 candles

2. Q - 69, R - 3

3. 800 km

4. QUOTIENT

5. DIVIDEND

6. 6 TOFFEES

7. 61588

8. 15 km

9. Cost of 1 kg potatoes = Rs. 13, cost of 1 kg onions = Rs. 7

10. Cost of 7 m cloth = Rs. 1750