# CLASS 4 FINAL TERM WORKSHEET 2022-2023

NAME:-----

ROLL NO:-----

# **UNIT 1:Numbers**

# **OBJECTIVES**

1.	The smallest 6- digit nu	umbo	er is						
a	111111	b	100000	c	101010	d	111000		
2.	. Comparison of numbers always starts from the								
a	right	b	left	c	last	d	above		
3.	In number 38101, the p	lace	value of digit 8 is						
a	8	b	80	c	8000	d	800		
4. T	he greatest 5-digit num	ber i	S						
a	91000	b	99999	c	90000	d	90101		
5. 3	34011 is greater than	-				-			
а	34010	b	34111	c	34210	d	34212		
6.	31108 is smaller than -								
a	31106	b	31107	c	30100	d	31109		
7. T	7. The sum of 36529 and 41372 is equal to								
a	77904	b	77903	c	77901	d	77902		
8.	The sum of 17278 and 6	6235	4 is equal to			-			
a	78234	b	342211	c	79632	d	213455		
9. A	9. Ayesha had Rs. 23456. Her friend gave her Rs.13131more.Now she has Rs,								
а	36587	b	35467	c	36434	d	34567		
10.	10. When we subtract 73810 from 89654 then we will get								
a	12345	b	13245	c	14765	d	15844		
11.	In a pond, there were 8	7654	fish. If 34567 fish are	shift	ed to another pond the	1	fish will be left in the		
first	pond.	-	r			-			
а	53123	b	53456	с	53087	d	53567		
12.	There are 4500 plants	in 9	0 rows. Each row conta	ins e	equal number of plants.	Find	the number of plants		
in a	row.	1.	10		F	4	50		
a 43	100	D	10	C	5 Na aka will ba	a	50		
13.		LIS P	<b>is. 250, then the price</b>			А			
a 11	Ry dividing 3960 by 88		will got	C	N3. 3300	u	KS. 5000		
1 <b>4.</b>		h h	47	C	16	d	15		
а 15	<sup>+⊥</sup> The next term in 6 18 3	0 42	47	C	40	u	45		
2	110 next term in 0,10,3	b.	, 54	C	56	d	46		
16	The next term in 88 78	88 8	is	v	50	u	<b>Т</b>		
2	98	h	58	С	48	d	47		
u	55	0	55	v	-TO	ų	77		

### Short questions.

#### 1. Solve the following

a). 631 × 4	b). 79762 × 15
c). 585 ÷ 3	d). 1816 ÷ 4
e). 133 ÷ 11	f) .1056 ÷ 8
g). 6125 ÷ 10	h). 6972 ÷ 42

2. Observe the given patterns. Describe the rule and write the next two terms.

a) 11, 15, 19, 23, 27, -----, -----.

b) 30, 60, 90, 120, 150, ------, -----.

- c) 106, 103, 100, 97, 94, ------, -----.
- d) 560, 540, 520, 500, -----, -----.
- e) 3, 9, 15, 21, -----, -----.
- f) 106, 95, 84, 73, 62, -----, -----

#### **LONG Questions**

a). 8046 × 678	a) 7601 × 546
b) 63506 × 303	c) 11098 × 237
d) 67453 × 921	e) 1848 ÷ 88

f) 7392 ÷ 32	g) 2205 ÷ 49
i). 3294 ÷ 61	h). If 3 036 biscuits are packed in 11 boxes, then find out how many biscuits are there in a box?

#### WORD PROBLEMS

1. Majid earns Rs11 045 in a day.	(b) How much money will he earn in
Find:	2 years?
(a) How much money will he earn in 365 days?	

2. A shopkeeper sells 34 523 m cloth in a week. How much cloth will he sell in 21 weeks?	3. In a factory, 20 134 notebooks were printed a day. How many notebooks will be printed in 210 days?
4. Each member of a group gives Rs 34 156 for a tour of Naran and Kagan. If there are 345 members of the group, how much money will the group collect altogether?	5. In 45 relief camps, 2 205 blankets were distributed. How many blanket did each camp get?
4. If 1 107 chairs are placed in 27 rows, then how many chairs will be there in a row?	5. If 6 666 books are to be kept in 33 cupboards in a library, then how many books will be there in each cupboard?

# **UNIT 2:FACTORS AND MULTIPLES**

# **OBJECTIVES**

Tick the number that is divisible by 2.

- 1. Tick the number that is divisible by 3.
- 2. Tick the number that is divisible by 5.
- 3. Tick the number that is divisible by 10. (56560, 1982, 42420, 130)

(43, 540, 922, 667)

(27, 165, 8955, 20)

(7895, 2298, 50, 20)

4.	17. 13 is a	number.				
a	Composite	b Common	c	Multiple	d	Prime
5.	Ifof all the	e digits of a number i	s di	visible by 3, then	tha	nt number is
	divisible by 3					
a	Sum	b Product	C	Quotient	Di	fference
6.	Prime factorizat	ion of 24 is				
a	8×3	b $2 \times 2 \times 2 \times 3$	c	24× 1	d	$6 \times 2 \times 2$
7.	The common pri	me factor of 2 and 4	is			
a	1	b 2	c	4	d	8
8.	The first com	mon multiple 5 an	nd 1	l0 is		
a	5	b   10	c	20	d	50
		Short Questior	าร			
=_ 2. (a)	Encircle the Prim	e numbers. (b) 31		(c) 42 (d	d) 6	7
(e)	11	(f) 52 (g)	98	(h) 89		
2.	Write down the f	irst 15 Prime Numbe	rs.			
3.	Write down the F	Prime numbers betwe	een	21 and 60.		
a.	4.Find the factor Factors of 6:	ors of the given numb	oers			

b.	Factors of 10:
C.	Factors of 12:
d.	Factors of 15:
e.	Factors of 22:
f.	Factors of 27:
g.	Factors of 32:
h.	Factors of 38:
i.	Factors of 40:
j.	Factors of 49:
4.	Find the first ten multiples of the following:
a.	First ten multiples of 10:
b.	First ten multiples of 2:
c.	First ten multiples of 3:
d.	First ten multiples of 4:
e.	First ten multiples of 5:
f.	First ten multiples of 6:
g.	First ten multiples of 7:
h.	First ten multiples of 8:
i.	First ten multiples of 9:
Soha	ila rani

#### 7. Find Prime factors of:

17	34
Drime factor of 17:	Drime factor of 24:
Prime factor of 18:	
	Prime factor of 44:
	4
33	
	Prime factor of 4:
	48
	Prime factor of 48:
Prime factor of 14:	
39	21
Prime factor of 20:	Brime factor of 21:
Prime factor of 39:	Prime factor of 21:

#### Long questions:

1. Find the common Prime factors of the given numbers:



#### (b) 10, 20

10	20

Prime factor of 10: ------

Prime factor of 20: -----

Common Prime factors: ------

#### (c) 24, 32, 18



(d) 14, 30



### (e) 7, 21, 28

7		21	28	
	-			
	-			





(g) 13, 39



### (h) 5, 30, 12

5		30		12	
			_		-
	5	5	5 30	5 30	5     30     12       -     -     -       -     -     -       -     -     -       -     -     -

8. Find the first common multiple of the given numbers:

(a) 3 , 5
Multiples of 3 =
Multiples of 5 =
First common multiple =
(b) 9, 12
Multiples of 9 =
Multiples of 12 =
First common multiple =
(c) 10, 20, 30
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Multiples of 10 =
Multiples of 20 =
Multiples of 30 =
First common multiple =
(d) 12, 22
Multiples of 12=
Multiples of 22=
First common multiple =
(e) 8, 4, 16
Multiples of 8 =
Multiples of 4 =
Multiples of 16 =
First common multiple =
(f) 51, 17, 34
Multiples of 51 =
Multiples of 17 =
Multiples of 34 =
First common multiple =
g) 7, 14
Multiples of 7=
Multiples of 14 =
First common multiple =
(h) 6, 15
Multiples of 6=
Multiples of 15 =

First common multip	le =	=				
i) 2, 5, 10						
Multiples of 2 =						
Multiples of 5=						
Multiples of 10 =						
First common multip	le =					
Chapter 3						
1 is a proper fracti	on					
5		1		9		4
4		2		4		2
2 is a imprope	2 is a improper fraction					
$\frac{5}{4}$		$\frac{1}{2}$		$3\frac{1}{2}$		$\frac{4}{7}$
3. $\frac{7}{6} - \frac{2}{6}$ is equal to						
$10.\frac{9}{6}    12.\frac{1}{6}    14.\frac{2}{6}    16.\frac{5}{6}$						
4. The product of $\frac{7}{6}$ and 5 is						
$a  \frac{34}{6}$	b	<u>34</u> 7	c	<u>35</u> 7	d	<u>35</u> 6

#### **SHORT Questions**

- 1. Encircle the unlike fractions.
- (a)  $\frac{3}{5}$ ,  $\frac{1}{2}$  (b)  $\frac{7}{9}$ ,  $\frac{4}{9}$  (c)  $\frac{6}{11}$ ,  $\frac{1}{11}$  (d)  $\frac{6}{10}$ ,  $\frac{1}{5}$
- 2. Compare the given fraction and write symbols of < , > , OR =



f)  $\frac{\frac{8}{12}}{\frac{5}{7}}$  g)  $\frac{1}{3}$   $\frac{1}{4}$  h)  $\frac{4}{11}$   $\frac{7}{10}$ 

3. Write the following fractions in the lowest form.

$\frac{4}{20} =$	$\frac{12}{16} = \dots$
$\frac{2}{12} =$	$\frac{15}{25}$ =
$\frac{30}{45} =$	$\frac{16}{24}$ =
$\frac{9}{27} =$	$\frac{4}{18}$ =
$\frac{14}{20} =$	$\frac{17}{34} =$

- 9. Encircle the proper fraction among the given fraction and tick the mixed number.
- (a)  $\frac{2}{5}$  (a)  $\frac{7}{8}$  (a)  $3\frac{7}{11}$  (a)  $\frac{6}{7}$  (a)  $3\frac{4}{7}$

10. Convert improper fractions into mixed numbers.

- 11. Convert mixed numbers into improper fractions.



#### 12. Write given fraction in ascending and descending order.

(a) $\frac{3}{5}$ , $\frac{3}{9}$ , $\frac{3}{7}$
=
(b) $\frac{3}{4}$ , $\frac{1}{3}$ , $\frac{6}{7}$
=
(c) $\frac{3}{4}$ , $\frac{1}{3}$ , $\frac{6}{7}$
13. Ali has three full and one-half pizza. How can we write this in mixed numbers?
14. Mahad buys $1\frac{1}{2}$ kg of mangoes. Write this in improper fraction.

11. Solve the following fractions and write the answer in lowest form.

a) $\frac{6}{7} + \frac{5}{7} =$	b) $\frac{11}{13} + \frac{11}{13} =$	c) $\frac{5}{17} + \frac{11}{17} =$
d) $\frac{7}{15} + \frac{8}{15} =$	$(e)\frac{5}{16} + \frac{5}{16} =$	$(f)\frac{2}{19} + \frac{12}{19} =$

12. Subtract the smallest fraction from the greatest fraction.

a) $\frac{2}{3}$ , $\frac{3}{3}$ =	(b) $\frac{7}{21}$ , $\frac{15}{21}$ =	(c) $\frac{1}{7}$ , $\frac{7}{11} =$
(d) $\frac{8}{10}$ , $\frac{4}{10}$ =	(e) $\frac{11}{12}$ , $\frac{7}{12}$ =	(f) $\frac{5}{15}$ , $\frac{3}{15} =$

#### 13. Multiply the following.

(a) $\frac{6}{7} \times 4$	(b) $\frac{13}{11} \times 11$	(c) $\frac{7}{11} \times 2$
=	=	=

(d) $9 \times \frac{5}{6}$	(e) $\frac{8}{9} \times 6$	(f) $3\frac{2}{3} \times 22$
=	=	=

14. Solve:

(a) $\frac{6}{2} \times \frac{3}{6}$	b) $\frac{9}{11} \times \frac{5}{10}$	(c) $\frac{3}{17} \times 3\frac{3}{4}$
(d) $\frac{7}{20} \div 2$	(e) $\frac{20}{35} \div 9$	(f) $\frac{21}{27} \div 3$
(g) $\frac{14}{16} \div 7$	(h) $\frac{15}{20} \div 21$	(i) $\frac{14}{18} \div 18$

# Long Questions.

15. Solve the following.

(a) $\frac{2}{9} \times 1\frac{5}{6} \times \frac{5}{6}$	(b) $\frac{8}{12} \times 3\frac{8}{11} \times \frac{5}{7}$
(c) $\frac{4}{3} \times \frac{1}{4} \times 7\frac{7}{10}$	16. <sup>11</sup> / <sub>12</sub> kg of od artificial fertilizer and <sup>7</sup> / <sub>14</sub> kg of natural fertilizer have been used in a field. How much quantity of both fertilizers have been used?

<ul> <li>17. A painter paints <sup>7</sup>/<sub>13</sub> part of the wall in the first day and <sup>3</sup>/<sub>13</sub> part on the second day.</li> <li>a. How much he paints in two days?</li> </ul>	b. On which day does he paint more and how much?
18. Saba did her math's homework in $\frac{2}{10}$ hours and her sister did her math's homework in $\frac{7}{10}$ hours. How many hours did both take to complete their homework?	.9. Shiraz and Omar invest money in a business. Shiraz gets $\frac{7}{11}$ share and Omar gets $\frac{10}{11}$ share of the profit. Who has more share and how much?
20. If the weight of 5 packets of sugar is $4\frac{7}{8}$ kg, then what will be the weight of 1 packet of sugar?	<ul> <li>21. Ayesha's age is <sup>1</sup>/<sub>2</sub> of her sister's age. If her sister is 20 years old, then how much old is Ayesha?</li> </ul>

22. The distance between Hamid's home and Masjid is  $2\frac{3}{4}$  kilometers. If Hamid goes to the Masjid to offer Salah five times, then how much distance does he cover daily?

# UNIT 4:Decimals

# **OBJECTIVES**

- Decimals is a fraction with the denominator in power of ------ (10, 2, 15, 0)
- When we divide a shape into 10 equal parts, then each part is called------

(hundredths, tenths, one, half)

- To add the decimals always------ ones in ones, tenths in tenths and hundredths in hund (add, subtract, multiply, divide)
- When we multiply any decimals by 100, we move the decimal------ place to the right. (1, 2, 3, 0)
- ------ means to find a number that is nearest to the original number but not exact. (decimal, fraction, round off, estimation)

# Short questions.

#### Write the fractions into decimals.

$\frac{16}{100}$ =	<u>1</u> <u>10</u> =	$\frac{70}{1000}$ =
24	_606	1
100	1000	50
$\frac{60}{200}$ =	$\frac{12}{500}$ =	$\frac{80}{1000}$ =

#### Write the place value of the underlined digits.

1. <u>5</u> 6=	45.9 <u>8</u> 7=	<u>3</u> 21.17=
009=	78.80 <u>8</u> =	6.34 <u>0</u> =

convert into fraction and write them in lowest form.

1.3=	6.98=	6.10=
21.72=	0.98=	2.04=

#### Add the following.

9.11, 8.03	6.02, 1.89	49.3, 21.6	52.9, 2.2

Solve the following.

4.91 - 3.92	7.34 - 2.86	78.9 -7.84	5.06 - 2.76
5.9×10=	4.8×100=	0.3×1000=	8.2×10=
5.6×8	1.3×7	4.9×4	1.3×7
1.4÷2	2.7÷3	2.6÷2	6.4÷4

#### Round off the following whole numbers to the nearest 10, 100, 1000

9871=	5467=	1212=	3498=	5555=

#### Round off the following decimal fractions to the nearest whole number.

5.61=	54.2=	987.4=	12.7=	6.5=

#### Word problems.

Zubair bought a chocolate for Rs 45.7 and a candy for Rs 10.2. how much amount did he spend altogether?

The mass of apples is 38.9kg and mass of guava is 42.6kg. a) find the difference between mass of apples and guavas.

b) find the total mass.

Saba uses 9.8ml of oil to bake a cake. How much oil will she use to bake 10 such cakes?

Ahmad solves 5 questions of mathematics in 8.5 minutes. How long does he take To solve 1 question?

A tailor uses 2.5m cloth to make a shirt. How much cloth will he use to make 8 Similar shirts?

### UNIT 5: Measurements (length, mass, capacity)

# **OBJECTIVES**

• There are metre in one kilometer.	(1, 10, 100, 1000)	
• There aregrams in one kilogram.	(1, 10, 100, 1000)	
Io convert cm into mm, multiply it by	(10000, 100, 10, 1000)	
• One meter is equal tocentimeters.	(1000, 10, 1, 100)	
One litre is equal to 1000	(grams, metres, millilitres, litres)	
• 7m=cm	(70, 700, 0.7, 7)	
• 78cm=mm	(780,7.80, 78, 87)	
• 56cm7mm= mm	(567, 5.67, 56.7, 5670)	
• 65kg=g	(650, 6500, 65000, 65.000)	
• 3l=ml	(3000, 300, 30, 30000)	
• We use to measure the mass of light objects. ( grams, litre, meter, non)		
We useto measure the mass of heavy objects.		
(millilitre	, kilogram, litre, kilometer)	
<ul> <li>To find the capacity of the water bottle, we use the unit of</li> </ul>		

(Meter, litre, gram, centimeters)

• Millimetres, Metres, Centimetres and Kilometres are the units of------

(length, mass, capacity)

- A mm is a------ unit of length.(greater, smaller)
- A km is a much ------ unit of length.(larger, smaller)
- 1cm=-----mm(100,10,1000)
- 1m=----cm(100,10,1000)
- 1km=-----(100,10,1000)
- Distance between your home and school is measured in------(km, kg, L, mm)
- 1kg=-----(1000,100,10)
- A kg is a much -----unit of weight(smaller, larger)
- A gram is a----- unit of mass(larger, smaller)
- The amount of water that a glass can hold is called its------(capacity, mass)
- 1L=-----ml(100,10,1000)

# **Short Questions**

#### Convert these units.

12 km into m	56km 930m into m	88m into cm
3.2cm into mm	55cm 2mm into mm	65kg into g
23kg 139g into g	89 g into mg	43g 699mg into mg
1.9g into mg	9l into ml	90l into ml

67l into ml	1.6l into ml	56l into ml

#### Solve the given units.

22km + 33km	88km + 6km 17m
71cm 2mm + 11cm 6mm	74km 122m + 13m
52km 48m – 6km 22m	35cm 5mm – 25cm 1mm
21m 16cm – 20m 14cm	99km – 74km
71g 2mg + 11g 560mg	94kg 122g + 23g

8.2g+ 2.2g	36kg + 76kg
904g – 154g	39g 500mg – 25g 100mg
58kg 458g – 29kg 303g	99kg – 24kg
3l 109ml + 5l 304 ml	6.5l + 4.2l
34l 200ml + 92l	41l 200ml + 404l 478ml
22l 500ml – 10l 109ml	551 – 321
2.2 ml – 1.5ml	4l 878ml – 3l 760ml

#### word problems.

Tahir has two pieces of rope. The length of one piece is 38m 87cm and length of
the other piece is 61m 12cm. what will be the total length?

Ahmad buys 140cm ribbon to wrap the gift box. Convert the length into Millimeters.

The length of Ahmad's room is 5m 56cm and his sister's room is 4m 44cm

a) what will be the total length of both rooms in cm?

b) what is the difference between the length of both rooms?

A shopkeeper sells 49kg 208g of sugar and 65kg 750g of flour. Find the total quantity of sugar and flour in grams?

Jamal weighs 67kg 278g and his father weighs 89kg 924g. a) what is the difference between their masses?

b) convert the difference between their masses into grams.

The capacity of an oil tanker is 98l. convert it into milliliters.

Faria uses 1.7 litres of milk to make milkshake. Convert the quantity of milk into Milliliters.

Zara has two containers. The capacity of one container is 67l 198ml and the other 300ml.

a) what is the total capacity of the containers?

b) what is the difference between the capacity of both containers?

#### <u>UNIT 5:</u> Measurements (Time)

# **OBJECTIVES**

- There is 13:50 in 24 hour clock, what time will be in 12- hour clock? (1:50a.m, 3:50p.m, 1:50p.m, 12:50p.m)
- There is 3:55p.m in 12 hour clock, what time will be in 24- hour clock? (13:55, 14:55, 15:55, 16:55)
- Which time is the longest from the following?

(2 years, 12 months, 1 year 3 months, 350 days)

- There are ----- months in 2 years 6 months. (21, 28, 26, 30)
- To convert years into months, we multiply the given years by ------
- (24, 10, 11, 12)1 minute=----- seconds. (24, 60, 30, 12)1 hour=----- minutes (24, 60, 30, 12)(7, 12, 24, 30) 1 day=----hours. (30, 12, 24, 365) 1 year=-----months. 1 week=-----days (7, 30, 24, 365) (12, 30, 7, 24)
  - 1 month=-----days

# **Short Questions**

Convert into minutes.

6h	201h	14h 12min	5h 55min
22h 15min	27h 38min	42h 26min	9h 43min

Convert into seconds.

77min	43min	1min 13sec	8min 32sec
214min 24sec	100min 11sec	176min 18sec	65min 37sec

Convert into months.

9years	4years	8years 3months
5years 4months	17years 10months	21years

Syears 11months	30years 11months

#### Convert into days.

11weeks	5weeks	9weeks 6days
32weeks	4weeks 3days	2weeks 5days
25weeks	41 months 12days	54months 13days

#### Solve the following.

34h11min13sec + 11h18min32sec	24h34min37sec+2h21min11sec
54h19min45sec+43h20min10sec	5h15min31sec+4h4min25sec

49yeas2months5days+40years 5months11days	27 years 3 months 5 days + 32 years 6 months 4 days
Solve the following.	
45h45min489sec - 10h23min38sec	57h22min27sec – 33h11min12sec
65h28min56sec – 54h20min45sec	6h26min42sec – 5h15min321sec
88 years 11 months 29 days – 46 years 10 months 15 days	37years6months29days – 17years 6months18days

#### Word problems

Ahmad went to his grandmother's home on Sunday and stays there for 2hours and 20 minutes. On Monday, he went to his aunt's home and he spent 4hours and 23 minutes. Find

a) How much time did he spend at his relative's home?

b) Write the time in minutes.

Maha takes 9hours23minutes to complete a picture while Rohan takes 7hours10minutes to complete the same picture. Find a) How much more time does Maha take?

b) the total time they take altogether.

Fareeha completes her medical education in 4 years 10months 7 days And her house job in 2 years 2 days. How much time did she spend in Medical education and house job?

# UNIT 6: Geometry



---- is formed by a pair of intersecting lines. (angle, line, circle, arc)

The point where the arms are attached is called its------ (vertex, circle, radius, diameter)

• Exact 90° angle is called	(obtuse, right, acute, straight)
<ul> <li>is used to measure angles</li> </ul>	(ruler, set of squares, protractor)
• Greater than 90° angle is calleda	ngle (obtuse, right, acute, straight)
Angles are measured in	(cm, m, degree, kg)
•	
• Less than 90° angle is calledang	le (acute, obtuse, right, straight)
• A line segment which join any two points	on a circle and passes through
Its centre is called	(chord, arc, radius, diameter)
• A line from the centre to a point on the cir	cle is called(radius,diameter,arc)
• The lines which keep going straight and ne	ever meet each other are called
Lines. (horiz	ontal, vertical, parallel, non-parallel)
• There aresmall parts in a protract	for and each part is equal to 1 degree.
	( 150, 120, 180, 360)
• When horizontal and vertical lines intersed	ct each other at a point, they form
(right angles, obtuse ang	gles, acute angles, horizontal angles)
• The length of boundary of a circle is called	of the circle.
(circu	Imference, centre, diameter, radius)
• The area covered by a closed figure is the	of that figure.
	(length, side, perimeter, area)
<ul> <li>Line of symmetry divides a figure into</li> </ul>	equal parts. (5, 4, 3, 2)
<ul> <li>A cube hasedges.</li> </ul>	(12, 8, 6, 4)
<ul> <li>A cube hassurfaces.</li> </ul>	(12, 8, 6, 4)
<ul> <li>A cube hasvertices.</li> </ul>	(12, 8, 6, 4)
<ul> <li>A cuboid hasedges.</li> </ul>	(12, 8, 6, 4)
<ul> <li>A cuboid hassurfaces.</li> </ul>	(12, 8, 6, 4)
<ul> <li>A cuboid hasvertices.</li> </ul>	(12, 8, 6, 4)
<ul> <li>A sphere hasedges.</li> </ul>	(6, 8, 3, 0)
<ul> <li>A sphere hassurfaces.</li> </ul>	(6, 1, 3, 0)
<ul> <li>A sphere hasvertices.</li> </ul>	(6, 8, 3, 0)
<ul> <li>A cylinder hasvertices.</li> </ul>	(6, 8, 3, 0)
<ul> <li>A cylinder hasedges.</li> </ul>	(6, 2, 4, 0)
<ul> <li>A cylinder hassurfaces.</li> </ul>	(6, 8, 3, 0)
<ul> <li>A cone hasedges.</li> </ul>	(1, 8, 3, 0)
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- A cone has -----surfaces.
- A cone has -----vertices.

### **Short Questions**

#### Identify the parallel and interesting lines



#### Write the types of angles



#### Mreasure these angles.



#### Construct the angles.

60°	30 <sup>o</sup>
115 <sup>°</sup>	90°

#### Draw the parts of the circle.

diameter	radius	centre

Write the name of parts o	f the circle.	



#### Find the perimeter.

				 	cm					
				m						
Perin	neter=				Perin	neter	=	 		
	T	1	1		-					
					-			C	m	
					-					
m							L	I		
Perimeter=				Perin	neter	=			-	

#### Find the area .

				1	<b>I</b>		
cm							
	-						
	-						
	-						
		m					
Area=		Area=					
	1		m				
cm	-		•••				
	J						
Area=	Area=						
Write (yes) on figures where you see line of symmetry.							
	<u> </u>	$\rightarrow$					

Write surfaces, edges and vertices of the following.

Cube	Cuboid	Cone
Surfaces=	Surfaces=	Surfaces=
Edges=	Edges=	Edges=
Vertices=	Vertices=	Vertices=
<u>Cylinder</u>	<u>Sphere</u>	Pyramid
Surfaces=	Surfaces=	Surfaces=
Edges=	Edges=	Edges=

# **Definitions**

Learn these definitions.

Parallel Lines:							
The lines which never meet each other a	and the distance between them always						
Remain same are called parallel lines.	АВ						
AB II CD	C D						
Non-parallel :							
Non-parallel lines are those lines which intersect each other at any point if they							
are extended. A—	B						
C	D						
Angles:							
When two non-parallel lines intersect ea	ach other at a point, different angles are						

formed at the common point. A D
C B
Acute angles:
Angles less than 90° are called acute angles.
Obtuse angles:
Angles greater than 90° are called obtuse angles.
Right angles:
Angles exactly 90° are called right angles.
Perimeter:
Total length of all sides of a closed figure is called perimeter of that figure.
<u>Area:</u>
The surface covered by a square is called its area.it is calculated in cm <sup>2</sup> and m <sup>2</sup> .
Radius of a circle:
The line segment which joins any point on the circle to its centre is called radius o
circle.
Diameter:
The line segment which joins any two points on a circle and passes through its cer
called a diameter

"Self-belief and hard work will always earn you **SUCCESS."** 

