

EVERWIN VIDHYASHRAM

STD: IV MATHS WORKBOOK ANSWER KEY

Pg.No: 8 Worksheet 1 Addition and Subtraction

1. Add the following:

$$\begin{array}{r} \boxed{1} \ \boxed{1} \ \boxed{1} \\ \text{a) } 34089 \\ + 48467 \\ \hline 82556 \end{array}$$

$$\begin{array}{r} \boxed{1} \ \boxed{1} \ \boxed{2} \\ \text{b) } 391497 \\ + 600735 \\ \hline 2139 \\ \hline 994371 \end{array}$$

2. Arrange the numbers in columns and find the sum.

$$\begin{array}{r} \text{a) } 40,9446 + 7,522 + 26,057 \\ 409446 \\ \quad 7522 \\ + \quad 26057 \\ \hline 443025 \end{array} \quad \begin{array}{r} \text{b) } 94,060 + 6,945 + 841 \\ 94060 \\ \quad 6945 \\ + \quad 841 \\ \hline 101846 \end{array}$$

3. Find the missing digits

$$\begin{array}{r} \text{a) } 15\boxed{4}30 \\ + \boxed{4}629\boxed{4} \\ \hline 61724 \end{array} \quad \begin{array}{r} \text{b) } \boxed{5}1\boxed{8}049 \\ + \quad 392\boxed{1}0 \\ \hline 5\boxed{5}7\boxed{2}59 \end{array}$$

4. Word Problems:

$$\begin{array}{r} \text{a) } 75,850 \\ + 96,090 \\ \hline 1,71,940 \end{array}$$

$$\begin{array}{r} \text{b) Greater number - 12,165 = 8249} \\ \text{Greater number = 8249 + 12165 =} \\ 12165 \\ \quad 8249 \\ \hline 20,414 \end{array}$$

Greater number = 20,414
Smaller number - 12,165

5. Fill in the blanks:

- a) $\underline{1} + 99999 = 100000$
b) $(9+12)+8 = (8+\underline{12})+9$
c) 16 ones + 7 tens = 86

$$\begin{array}{r} 16 \\ + 70 \\ \hline 86 \end{array}$$

Addition and subtraction: worksheet 2. Pg.No: 9

1. Subtract:

$$\begin{array}{r} \text{a) } 48,467 \\ - 34,089 \\ \hline 14,378 \end{array} \quad \text{Ans: 14,378}$$

b) Interchange problem a with given numbers and strike out b sum.

2) Subtract 49549 from 76305

$$\begin{array}{r} \boxed{6} \ \boxed{15} \ \boxed{12} \ \boxed{9} \ \boxed{5} \\ 76305 \\ - 49546 \\ \hline 26,759 \end{array} \quad \text{Ans: 26,759}$$

3. What should be added to 84655 to make one lakh.

$$84,655 + \underline{\hspace{2cm}} = 1,00,000$$

$$\begin{array}{r} 100000 \\ - 84655 \\ \hline 15,345 \end{array} \quad \text{Ans:15,345}$$

4. The sum of two numbers is 6, 22,770. One of the numbers is 2,93,540. Find the other.

$$\begin{array}{r} \underline{\hspace{2cm}} + 2,93,540 = 6,22,770 \\ 6,22,770 \\ - 2,93,540 \\ \hline 3,29,230 \end{array} \quad \text{Ans:3,29,230}$$

5. Solve:

a) $96,540 + 1,765 - 25,100$

$$\begin{array}{r} 96,540 \\ + 1,765 \\ \hline 98,305 \\ - 25,100 \\ \hline 73,205 \end{array} \quad \text{Ans: 73,205}$$

b) $84,009 - 16,460 + 38,741$

$$\begin{array}{r} 84009 \\ - 16460 \\ \hline 67549 \\ + 38741 \\ \hline 1,06,290 \end{array} \quad \text{Ans:1,06,290}$$

6. 15,25,900 = Balance in the bank account

4,45,750 = Amount spent on project.

1080150 = Amount left in the bank account

Ans: 10,80,150

7. Solve:

a) $\underline{\hspace{2cm}} + 9 = 50,500$

$$\begin{array}{r} 50,500 \\ - 9 \\ \hline 50,491 \end{array} \quad \text{Ans: 50,491}$$

b) $4628 - 284 = \underline{\hspace{2cm}}$

$$\begin{array}{r} 4628 \\ - 284 \\ \hline 4344 \end{array} \quad \text{Ans: 4344}$$

Addition and Subtraction: Worksheet: 3/ Pg.No: 10

1) a) Frame the greatest 5 digit number

Ans: 97, 531

b) Sum of the face value of thousands place and hundred place.

TTH	TH	H	T	O
9	7	5	3	1
7+5=12		Ans: 12		

2) $9999 + 10001 = 20000$

$$\begin{array}{r} 10,001 \\ + 9999 \\ \hline 20,000 \end{array} \quad \text{Ans:20,000}$$

3) Complete the missing numbers.

a) $47\boxed{3}59$

$$\begin{array}{r} + 1\boxed{4}76\boxed{1} \\ \hline \boxed{6}2120 \end{array}$$

b) 60000

$$\begin{array}{r} - \boxed{1}\boxed{9}\boxed{7}\boxed{5}\boxed{7} \\ \hline 40243 \end{array}$$

4)a) i) $92 + 45 = 137$ Kg

ii) $92 - 45 = 47$ Kg

b)i) $535 + 380 = \text{Rs.}915$

b)ii) $535-380 = \text{Rs.}155 \text{ Kg}$

$$\begin{array}{r} 5,00,000 \\ - 4,75,068 \\ \hline 24,932 \end{array}$$

The number 4, 75,068 is 24,932 lesser than 5 lakh.

Multiplication: Worksheet:1 / Pg.No.11

1) Multiplication fact

a) $9+9+9 = 9 \times 3$

b) $6+6+6+6+6+6 = 6 \times 6$

2) Write the product and addition fact.

a) $4 \times 5 = 20$, $4+4+4+4+4$

b) $7 \times 7 = 49$, $7+7+7+7+7+7+7$

3) Fill up.

a) $(2 \times 6) \times 5 = 2 \times (6 \times 5)$

b) $1 \times 69 = 69$

c) $24 \times 0 = 0$

4) If $5 \times 10 = 50$ then $5 \times 100 = 500$

5) Choose the correct answer:

a) $14 \times 200 = 14 \times 2 \times 100$

b) $32 \times 7000 = 32 \times 7 \times 1000$

c) $2 \times 8 = 4 \times 4$

6) Multiply:

$$\begin{array}{r} 3054 \\ \times 9 \\ \hline 27,486 \end{array}$$

Ans:27,486

$$\begin{array}{r} 984 \\ \times 27 \\ \hline 6888 \end{array}$$

$$\begin{array}{r} 1968 \end{array}$$

26,568 Ans: 26,568

Multiplication: Worksheet: 2/Pg.No.12

1) Insert the correct symbol

a) $2 \times 6 \square 4+4+4+4$

b) $4 \times 8 \square 8 + 4$

2) If $\square + \square + \square + \square + \square = 100$

$\square \times \square = ?$

Ans: 400

3) $86 \times 45 = 3870$

$$\begin{array}{r} 86 \\ \times 45 \\ \hline 430 \\ 3440 \\ \hline 3870 \end{array} \quad \text{Ans: } 3,870$$

4) Multiply

a) $567 \times 103 = 58401$

$$\begin{array}{r} 567 \\ \times 103 \\ \hline 1701 \\ 0000 \\ 56700 \\ \hline 58,401 \end{array}$$

Ans:58,401

b) $843 \times 76 = 64068$

$$\begin{array}{r} 843 \\ \times 76 \\ \hline 5058 \\ 59010 \\ \hline 64068 \end{array}$$

Ans: 64,068

5) a) Number multiplied by itself is 64 ? Ans: 8

b) Multiplication fact = $8 \times 8 = 64$

6) $500 \times 75 = 37500$

$$\begin{array}{r} 500 \\ \times 75 \\ \hline 2500 \\ \underline{35000} \\ 37500 \end{array}$$

Ans: 37,500

Multiplication: Worksheet: 3 / Pg.No.13

1) Tick (✓) the correct one.

Which pair of number best completes the given multiplication fact.

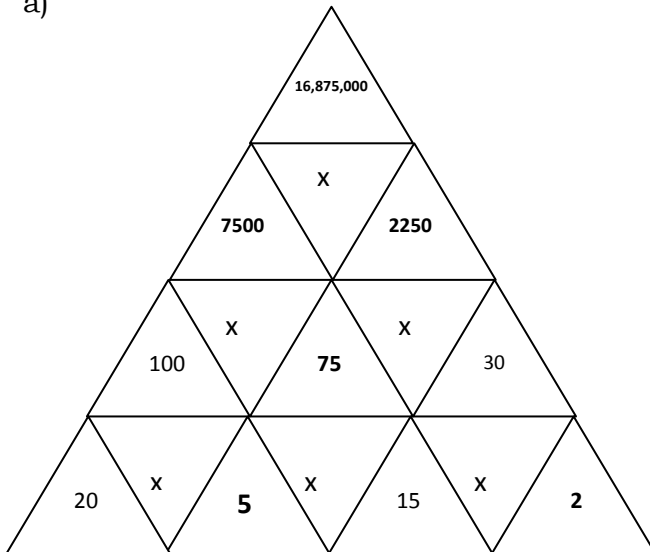
49 x 1000 = 49000

- a) 49,4900 b) 49,19000 c) 49,4900

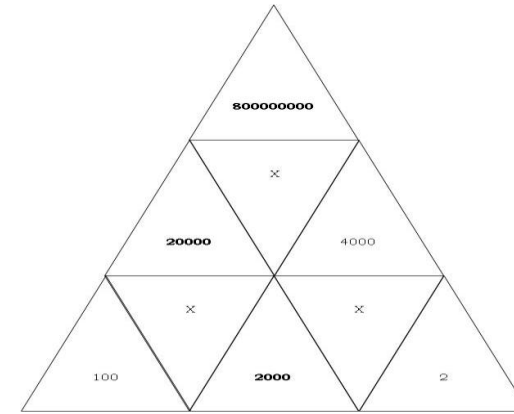
Ans: 49,49000

2) Using multiplication facts fill up the pyramid.

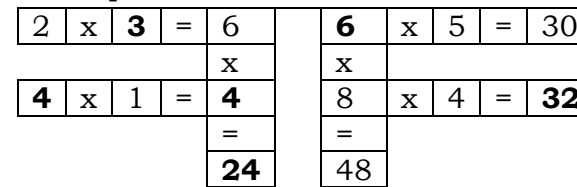
a)



b)



3) Fill in the blanks in the crossword puzzle to make the multiplication fact tree.



Division: Worksheet 1 / Pg.No: 14

a) $9 \times 2 = 18$ $18 \div 2 = 9$
 $18 \div 9 = 2 = 2$

b) $4 \times 2 = 8$ $8 \div 4 = 2$
 $8 \div 2 = 4$

2) Using the division properties, fill in the blanks

- a) $2605 \div 1 = 2605$ b) $849 \div 1 = 849$
 c) $927 \div 927 = 1$ d) $0 \div 18 = 0$

3) Divide and verify.

a) $5796 \div 7$

Quotient: 828

Remainder: 0

Verification: $(828 \times 7) + 0 = 5796$

$$\begin{array}{r}
 828 \\
 7 \overline{) 5796} \\
 \underline{56} \\
 19 \\
 \underline{14} \\
 56 \\
 \underline{56} \\
 0
 \end{array}$$

b) $4215 \div 5$

Quotient: 843

Remainder: 0

Verification: $(843 \times 5) + 0 = 4215$

$$\begin{array}{r}
 843 \\
 5 \overline{) 4215} \\
 \underline{40} \\
 21 \\
 \underline{20} \\
 15 \\
 \underline{15} \\
 0
 \end{array}$$

4) Fill in the blanks:

a) Divisor \times Quotient + Remainder = Dividend

b) When zero is divided by a non-zero number the quotient is zero.

Division: Worksheet: 2/ Pg.No.15

1) Without actual division, find the quotient and remainder

Division	Quotient	Remainder
a. $96 \div 10$	9	6
b. $3804 \div 100$	38	4
c. $5432 \div 1000$	5	432

2) Choose the correct answer.

a) Which is the correct division fact for 24?

a) $24 \div 0 = 6$

b) $24 \div 4 = 6$

c) none

b) If $360 \times 45 = 16200$ then which of the following is true?

i) $45 \div 360 = 1620$

ii) $16200 \div 45 = 360$

iii) $16200 \div 45 = 360$

iv) $360 \div 16200 = 45$

3) Match

i) 31×100 - 31000 3

ii) 13×100 - 2600 4

iii) 31×1000 - 1300 2

iv) 13×200 - 310 1

4) Solve:

a) $357 \div 7 =$ Quotient = 51; Remainder = 0

$$\begin{array}{r}
 51 \\
 7 \overline{) 357} \\
 \underline{35} \\
 07 \\
 \underline{07} \\
 0
 \end{array}$$

b) $1976 \div 19$

Quotient = 104; Remainder = 0

$$\begin{array}{r} 104 \\ 19 \overline{) 1976} \\ \underline{19} \\ 076 \\ \underline{76} \\ 0 \end{array}$$

Division: Worksheet :3/Pg.No:16

1) Find the value and verify.

0	1	2	3	4	5	6	7	8	9
A	B	C	D	E	F	G	H	I	J

$$\begin{array}{r} \text{H I} \\ \text{G} \overline{) \text{E G J}} \\ \underline{\text{E C}} \\ \text{E J} \\ \underline{\text{E I}} \\ \text{B} \end{array}$$

Ans: 78

$$\begin{array}{r} 78 \\ 6 \overline{) 469} \\ \underline{42} \\ 49 \\ \underline{48} \\ 1 \end{array}$$

Dividend: 469

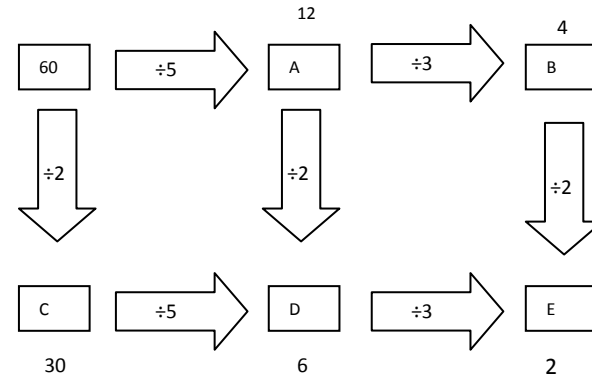
Divisor: 6

Quotient: 78

Remainder: 1

Verification: $(6 \times 78) + 1 = 469$

2) Fill in the boxes and find the value of A,B,C, D & E



A = 12; B=4; C=30; D= 6; E=2

Learning Large numbers

Worksheet: 1/Pg.5

1) Write the following in figures and use commas in both Indian as well as International system.

a) Indian system: 1, 34, 395
International system: 134, 395

b) Indian system: 4,27,516
International system: 427, 516

2) Write the number names.

a) Indian: Nine lakh ninety thousand eight hundred ninety one.
International: Nine hundred ninety thousand eight hundred ninety one.

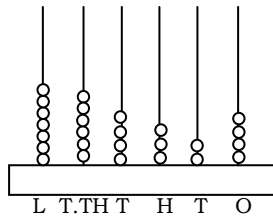
b) Indian: Five lakh fifty two thousand four hundred
International: Five hundred fifty two thousand four hundred.

3) Rewrite the numbers using commas

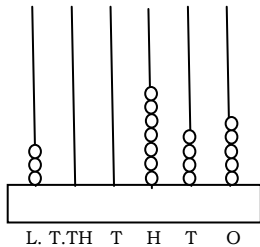
Number	Indian system	International system:
a)762004	7,62,004	762,004
b)680288	6,80,288	6,80,288

4) Represent the following numbers on the abacus.

a) 764324



b) 300745



LEARNING Large Numbers Worksheet;2/Pg.No.6

1) Write the number represented on each abacus

2) 253604 b) 610725

2) Fill in the blanks:

a) $99,999+1 = 1$ lakh

b) The smallest 6 digit numbers is 1, 00,000

c) One lakh is equal to one hundred thousand in the international system.

3) Place value and face value of the coloured digit

a) 7,60,198

- Place value of 6 is sixty thousand
- Face value of 6 is 6.

b) 8,01,625

- Place value of 8 is eight hundred thousand
- Face value of 8 is 8

4) Expanded form

a) Two lakh thirty two thousand four hundred and thirty.

b) Seven hundred eighty eight thousand four hundred and five.

5).Insert the correct symbol <, > or =

a) 2, 21,282 < 2, 21,288

b) 90, 678 = 90,678

c) 1,11,034 > 1,11,024

Learning Large Numbers

Worksheet: 3/Pg.No7

1) Circle the Successor

a) 1, 00, 101, = 10,01,012 1,00,000 1,00,102

b) 98, 099 = 98, 088 98,100 98, 098

2) Arrange the following numbers in ascending order.

3,01,257 3,01,274 3,01,275 3, 10,275

3) Tick(✓) the number set which is in descending order

a) 1,12,571 2,18,473 4,70,000 3,03,469

b) 40,125, 29,738 18,294 18098

4) Write the greatest and smallest 5 digit number

a) 2,4,0,1,7

Greatest Number: 74210

Smallest number: 10247

b) 1,8,2,9,5

Greatest Number: 98521

Smallest number: 12589

5) Round off the given number

a) 4860 b) 1000 c) 4,99,000

6) Choose the best answer

a) ii) XIX

iii) XC

Metric Measures

Worksheet:1/Pg.No.37

1) Choose the correct unit of measure.

a) Millilitres

b) litres

c) kilograms

d) kiolimetres

2) Look at the instruments and write the units are which they measure

a) Millilitres

b) kilograms

c) centimeters

3) Convert the following units of measurement.(c.w.)

a) $2.5\text{m} = \underline{250\text{cm}}$

$1\text{m} = 100\text{cm}$

$2.5\text{m} = 2.5 \times 100 = 250.0 = 250\text{cm}$

(Need to give introduction about decimals)

b) $15\text{km} = \underline{15,000\text{m}}$

$1\text{km} = 1000\text{m}$

$15\text{km} = 15 \times 1000 = 15,000\text{m}$

c) $45\text{cm} = \underline{450\text{mm}}$

$1\text{cm} = 10\text{mm}$

$45\text{cm} = 45 \times 10$

$= 450\text{mm}$

d) $10\text{hm} = \underline{1,000\text{m}}$

$1\text{hm} = 100\text{m}$

$10\text{hm} = 10 \times 100$

$= 1000\text{m}$

e) $12\text{dam} = \underline{12,000\text{cm}}$

$1\text{dam} = 1000\text{cm}$

$12\text{dam} = 12 \times 1000$

$= 12,000\text{cm}$

f) $5\text{km} = \underline{5,00,000\text{cm}}$

$1\text{km} = 1,00,000\text{cm}$

$5\text{km} = 5 \times 1,00,000$

$= 5,00,000$

g) $500\text{mm} = \underline{0.5\text{m}}$

$1\text{m} = 1,000\text{mm}$

$1\text{mm} = 1/1000\text{m}$

$500\text{mm} = 500/1000 = 0.5\text{m}$

h) $325\text{m} = \underline{0.325\text{km}}$

$1\text{km} = 1,000\text{m}$

$1\text{m} = 1/1,000\text{km}$

$325\text{m} = 325/1,000\text{km} = 0.325\text{km}$

i) $600\text{cm} = \underline{6\text{m}}$

$1\text{m} = 100\text{cm}$

$1\text{cm} = 1/100\text{m}$

$600\text{cm} = 600/100\text{m} = 6\text{m}$

j) $50\text{dm} = 0.5 \text{ dam}$
 $1\text{dam} = 100\text{dm}$
 $1\text{dm} = 1/100\text{dam}$
 $50\text{dm} = 50/100 \text{ dam}$
 $= 0.5 \text{ dam}$

Metric Measures

Worksheet: 2/Pg.38

1) By what devices they will be measured?

- a) Jewellery scale b) Mechanical balance
 c) Weigh bridge

2) a) $500\text{mg} = 0.0005 \text{ kg}$
 $1\text{kg} = 1000000\text{mg}$
 $1 \text{ mg} = 1/1000000 \text{ kg}$
 $500\text{mg} = 500/1000000 \text{ kg}$
 $= 0.0005 \text{ kg}$

b) $250\text{g} = 0.25\text{kg}$
 $1 \text{ kg} = 1000\text{g}$
 $1 \text{ g} = 1/1000 \text{ kg}$
 $250\text{g} = 250/1000$
 $= 0.25 \text{ kg}$

c) $100\text{hg} = 10 \text{ kg}$
 $1\text{kg} = 10\text{hg}$
 $1 \text{ hg} = 1/10\text{kg}$
 $100 \text{ hg} = 100/10$
 $= 10 \text{ kg}$

d) $10\text{kg} = 10,000\text{g}$
 $1\text{kg} = 1000\text{g}$
 $10 \text{ kg} = 10 \times 1000$
 $= 10,000\text{g}$

e) $250\text{g} = 2,50,000\text{mg}$
 $1\text{g} = 1000\text{mg}$
 $250\text{g} = 250 \times 1000$
 $= 2,50,000 \text{ mg}$

3) $500\text{ml} + 500\text{ml} + 500\text{ml} + 500\text{ml} = 2000 \text{ ml} = 2\text{l}$
 Ans: 4 measuring cups.

Measuring Measures

Worksheet : 3/ Pg: 39

1) $750\text{ml oil} = \underline{250\text{ml}}, \underline{250\text{ml}}, \underline{250\text{ml}}$
 $500\text{ml ghee} = \underline{250\text{ml}}, \underline{250\text{ml}}$

2) Convert the following

a) $15 \text{ kl} = \underline{15,000 \text{ l}}$
 $1 \text{ kl} = 1000 \text{ l}$
 $15 \text{ kl} = 15 \times 1000$
 $= 15,000 \text{ l}$

b) $22\text{l} = \underline{22,000\text{ml}}$
 $1\text{l} = 1000\text{ml}$
 $22\text{l} = 22 \times 1000$
 $= 22,000 \text{ ml}$

c) $12\text{dal} = \underline{120 \text{ l}}$
 $1 \text{ dal} = 10 \text{ l}$
 $12 \text{ dal} = 12 \times 10$
 $= 120 \text{ l}$

d) $500\text{ml} = \underline{0.5 \text{ l}}$
 $1 \text{ l} = 1000\text{ml}$
 $1 \text{ ml} = 1/1000 \text{ l}$
 $500 \text{ ml} = 500/1000 \text{ l}$
 $= 0.5 \text{ l}$

$$\begin{aligned}
 \text{e) } 900 \text{ l} &= \underline{0.9 \text{ kl}} \\
 1 \text{ kl} &= 1000 \text{ l} \\
 1 \text{ l} &= 1/1000 \text{ kl} \\
 900 \text{ l} &= 900/1000 \text{ kl} \\
 &= 0.9 \text{ kl}
 \end{aligned}$$

3) Do the following conversions:

$$\begin{aligned}
 \text{a) } 3\text{m } 35 \text{ cm} &= \underline{335 \text{ cm}} \\
 1\text{m} &= 100\text{cm} \\
 3 \text{ m} &= 300 \text{ cm} \\
 &= 300+ 35 \\
 &= 335 \text{ cm}
 \end{aligned}$$

$$\begin{aligned}
 \text{b) } 9\text{km } 90\text{m} &= \underline{9090\text{m}} \\
 1 \text{ km} &= 1,000\text{m} \\
 9 \text{ km} &= 9,000\text{m} \\
 &= 9,000+ 90 \\
 &= 9090 \text{ m}
 \end{aligned}$$

$$\begin{aligned}
 \text{c) } 58\text{cm } 28\text{mm} &= \underline{608 \text{ mm}} \\
 1 \text{ cm} &= 100 \text{ mm} \\
 58 \text{ cm} &= 580\text{mm} \\
 &= 580+ 28 \\
 &= 608 \text{ mm}
 \end{aligned}$$

$$\begin{aligned}
 \text{d) } 17\text{kg } 700\text{g} &= \underline{17,700\text{g}} \\
 1 \text{ kg} &= 1000 \text{ g} \\
 17 \text{ kg} &= 17,000 \text{ g} \\
 &= 17,000+700\text{g} \\
 &= 17,700 \text{ g}
 \end{aligned}$$

$$\begin{aligned}
 \text{e) } 45\text{g } 5 \text{ mg} &= \underline{45,005 \text{ mg}} \\
 1 \text{ g} &= 1000 \text{ mg} \\
 45\text{g} &= 45000 \text{ mg} \\
 &= 45,000+5 \\
 &= 45005\text{mg}
 \end{aligned}$$

$$\begin{aligned}
 \text{f) } 80\text{g } 40\text{cg} &= \underline{8040 \text{ cg}} \\
 1 \text{ g} &= 100 \text{ cg} \\
 80 \text{ g} &= 8000 \text{ cg} \\
 &= 8000+ 40 \\
 &= 8040 \text{ cg}
 \end{aligned}$$

$$\begin{aligned}
 \text{g) } 1 \text{ l } 250\text{ml} &= \underline{1250 \text{ ml}} \\
 1 \text{ l} &= 1000 \text{ ml} \\
 &= 1000+ 250 \\
 &= 1250 \text{ ml}
 \end{aligned}$$

$$\begin{aligned}
 \text{h) } 3 \text{ kl } 300 \text{ l} &= \underline{3300 \text{ l}} \\
 1 \text{ kl} &= 1000 \text{ l} \\
 3 \text{ kl} &= 3000\text{l} \\
 &= 3000+300 \\
 &= 3300 \text{ l}
 \end{aligned}$$

$$\begin{aligned}
 \text{i) } 6\text{l } 600 \text{ ml} &= \underline{6600 \text{ ml}} \\
 1 \text{ l} &= 1000 \text{ ml} \\
 6 \text{ l} &= 6000 \text{ ml} \\
 &= 6000+ 600 \\
 &= 6600 \text{ ml}
 \end{aligned}$$

Metric Measures
Worksheet: 4/ Pg.40

1) Add the following:

$$\begin{array}{r}
 \text{a) } \text{ cm } \text{ mm} \\
 24 \quad 5 \\
 + \quad \underline{14 \quad 4} \\
 \hline
 38 \quad 9 \quad \text{Ans: } 38\text{cm } 9\text{mm}
 \end{array}$$

$$\begin{array}{r}
 \text{b) } \text{ km } \text{ m} \\
 6 \quad 35 \\
 + \quad \underline{3 \quad 25} \\
 \hline
 9 \quad 60 \quad \text{Ans: } 9 \text{ km } 60\text{m}
 \end{array}$$

$$\begin{array}{r} \text{c) kg g} \\ 13 \ 26 \\ + \underline{11 \ 24} \\ \hline 24 \ 50 \end{array} \quad \text{Ans: 24kg 50g}$$

$$\begin{array}{r} \text{d) g mg} \\ 2 \ 25 \ 21 \\ + \underline{1 \ 05 \ 13} \\ \hline 3 \ 30 \ 34 \end{array} \quad \text{Ans: 330 34mg}$$

$$\begin{array}{r} \text{e) l ml} \\ 6 \ 520 \\ + \underline{3 \ 320} \\ \hline 9 \ 840 \end{array} \quad \text{Ans: 9l 840 ml}$$

$$\begin{array}{r} \text{f) kl l} \\ 9 \ 2 \\ + \underline{6 \ 9} \\ \hline 15 \ 11 \end{array} \quad \text{Ans: 15kl 11 l}$$

2) Subtract the following:

$$\begin{array}{r} \text{a) m cm} \\ 60 \ 48 \\ - \underline{52 \ 42} \\ \hline 8 \ 06 \end{array} \quad \text{Ans: 8m 06 cm}$$

$$\begin{array}{r} \text{b) km m} \\ 6 \ 300 \\ - \underline{2 \ 212} \\ \hline 4 \ 088 \end{array} \quad \text{Ans: 4 km 088m}$$

$$\begin{array}{r} \text{c) kl l} \\ 16 \ 320 \\ - \underline{10 \ 250} \\ \hline 6 \ 070 \end{array} \quad \text{Ans: 6kl 70l}$$

$$\begin{array}{r} \text{d) l ml} \\ 39 \ 610 \\ - \underline{24 \ 500} \\ \hline 15 \ 110 \end{array} \quad \text{Ans: 15l 110 ml}$$

$$\begin{array}{r} \text{e) kg g} \\ 29 \ 890 \\ - \underline{25 \ 850} \\ \hline 4 \ 040 \end{array} \quad \text{Ans: 4kg 40g}$$

$$\begin{array}{r} \text{f) g mg} \\ 50 \ 40 \\ - \underline{45 \ 22} \\ \hline 5 \ 18 \end{array} \quad \text{Ans: 5g 18mg}$$

$$\begin{array}{r} 3) 1 \text{ day} = 6.5 \text{ km} \\ 6 \text{ days} = 6 \times 6.5 \\ = 6.5 \\ \underline{\quad \times \quad 6} \\ \hline 39.0 \end{array} \quad \text{Ans: 39 km}$$

$$\begin{array}{r} 4) 1 \text{ day} = 92 \text{ km} \\ 15 \text{ days} = 15 \times 92 \\ \quad \quad \quad 92 \\ \underline{\quad \times \quad 15} \\ \hline 4 \ 60 \\ \underline{\quad 92} \\ \hline 1 \ 380 \end{array} \quad \text{Ans: 1380 km}$$

$$5) \text{ Speed} = \frac{\text{Distance}}{\text{Time}}$$

$$= \frac{504}{9} = 56 \text{ km/hr}$$

Ans: 56 km /hr

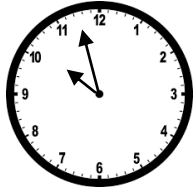
Time

Worksheet : 1 / Pg .20

a) Select the correct time for the clock

- a) 3: 05 b) 7: 20 c) 5:52

2) Draw the minute hand



a) 10: 57





b) 6: 24

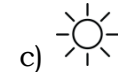
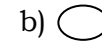
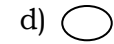
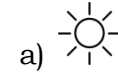


c) 12: 12

Match the following:

- | | |
|-------------------------------|----------|
| a) Ten minutes to seven | - 6:50 |
| b) Quarter past noon | - 12: 15 |
| c) Quarter to five | - 4: 45 |
| d) Twenty minutes to midnight | - 11:40 |

4) Draw  to show a day and/or  to show the night



Time

Worksheet :2/ Pg.No:21

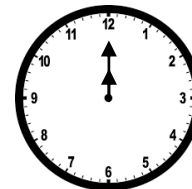
1) Solve:

- a) Aircraft left an airport at = 8:40pm
Duration of travelling = 3 hours 20min
= 3:20

$$\begin{array}{r} 8:40 \\ + 3:20 \\ \hline 11: 60 \end{array}$$

- = 11 hrs 60 mins (∵ 1hr =60 mins)
= 11+1= 12hrs
= ∵ Aircraft reached airport at 12:00 midnight

b)



12:00 midnight

2) Joel waited from 6:45 to 7:10
 Duration 7: 10

$$\begin{array}{r} 7: 10 \\ - 6: 45 \\ \hline 0: 25 \end{array}$$
 Ans: 25mins
 Joel waited 25 mins for the train

3) Choose the best answer

a) iii) 07:00

b)
$$\begin{array}{r} 6:30 \\ - 3:35 \\ \hline 2: 55 \end{array}$$
 Ans:ii) 2 hrs 55mins

c) iii) Once in four years

4) Tick (✓) the correct option:

a) Anita went out to see the stars

i) a.m__ ii) p.m

b) The kids have naps in the afternoon

i) a.m__ ii) p.m

Time

Worksheet:3/Pg:22

1) Fill in the blanks:

a) 52

b) 366, 365

2) Write the elapsed time.

a)
$$\begin{array}{r} 8:05 \\ - 7: 20 \\ \hline 0 : 45 \end{array}$$
 Ans: 45 mins

3) Convert into minutes

a) 5 hours = 300 mins

1 hour = 60 mins

5 hr = 5x60 mins

= 300 mins

b) 3hr 27min = 207 mins

1 hr = 60 mins

3 hr = 3 x60 mins

= 180 mins

180 +27 = 207 mins

4) Convert into seconds

a) 26 mins = 1560 seconds

1 mins = 60 s

26 min = 26 x 60

= 1560 seconds

b) 40 mins = 2400 seconds

1 mins = 60 s

40 min = 40x60

= 2400 seconds

5) Convert into hours

a) 360 mins = 6 hours

1 hr = 60 min

1 min = $\frac{1}{60}$ hr

360 min = $\frac{360}{60}$ hr

= 6 hr

b) 510 mins = 8.5 hours

1 hr = 60 min

1 min = $\frac{1}{60}$ hr

510 min = $\frac{510}{60}$ hr = 8.5 hr

6) Convert into months

a) 4 years = 48 months

1 year = 12 months

4 year = 4x 12 = 48 months

b) 23 years = 276 months

1 year = 12 months

23 years = 23 x 12 = 276 months

Circles

Worksheet: 1

Pg.No:23

1) Identify and write the elements of each circle.

a) Centre : O

Radius : L

Diameter : PQ

b) Centre : J

Radius : Q

Diameter : SR

C) Centre : NO

Radius : NO

Diameter : NO

2) Write true or false. If it is false correct the statement:

a) False. Diameter which is a chord is the longest line segment of the circle.

b) True.

3) Complete the Table

Radius	5	4	3.5	12	8.5
Diameter	10	8	7	24	17

Hint: Diameter = 2x Radius

$$\text{Radius} = \frac{\text{Diameter}}{2}$$

Circle

Worksheet: 2/Pg.No: 24

1) Identify centre, Radius and diameter of the given circles

a) O: Centre

XY: Diameter

OZ: Radius

b) PS: Radius

TS: Diameter

P: Centre

2) Find the Diameter and circumference

Hint : Diameter = 2xr(radius)

Circumference = $2 \pi r$

a) r = 11cm

diameter d = 2xr

$$= 2 \times 11 = 22\text{cm}$$

Circumference = $2 \pi r$

$$= 2 \times 3.14 \times 11$$

$$= 22 \times 3.14$$

$$= 69.08\text{cm}$$

b) r = 6cm

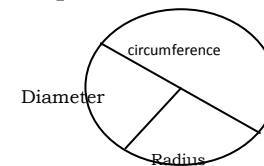
diameter d = 2xr

$$= 2 \times 6 = 12\text{cm}$$

Circumference = $2 \pi r$

$$= 2 \times 3.14 \times 6 = 12 \times 3.14 = 37.68 \text{ cm.}$$

3) Fill ups:



Circles

Worksheet:3 / Pg:No25

1) Diameter $d = 16\text{cm}$

a) $d = 16\text{cm}$

$$\text{radius } r = \frac{d}{2} = \frac{16}{2} = 8 \text{ cm}$$

Circumference = $2\pi r$

$$= 2 \times 3.14 \times 8$$

$$= 16 \times 3.14$$

$$= 50.24 \text{ cm}$$

b) Diameter $d = 24\text{cm}$

$d = 24\text{cm}$

$$\text{radius } r = \frac{d}{2} = \frac{24}{2} = 12 \text{ cm}$$

Circumference = $2\pi r$

$$= 2 \times 3.14 \times 12$$

$$= 24 \times 3.14$$

$$= 75.36\text{cm}$$

3) Diameter of a wheel = 60cm

Radius $r = 60/2 = 30\text{cm}$

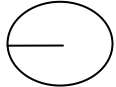
Circumference of the wheel = $2\pi r$

$$= 2 \times 3.14 \times 30$$

$$= 188.4 \text{ cm}$$

2) Match

a)



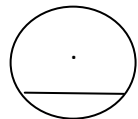
circle and radius

b)



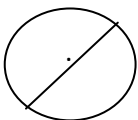
Arc

c)



- Circle and chord

d)



- Circle and diameter