

MONTH : SEPTEMBER AND OCTOBER

SESSION : 19

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: Ch. 6 , 8 & 9

**CHAPTER NAME : ROUNDING OFF-ESTIMATION, FACTORS AND
MULTIPLES , FRACTIONS**

SUB-TOPIC : REVISION WORK - 4

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE :

Enable the students

- ❖ To revise the previously taught chapters**
- ❖ To check their understanding on the concepts so far.**



REVISION WORK -4

DO AS DIRECTED

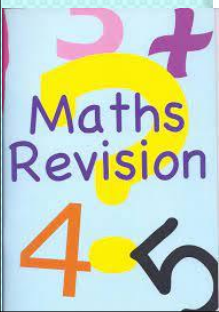
1. Round off to the nearest tens: a. 75,896 b. 2009
2. Round off to the nearest hundreds : a. 99,845 b. 6,09,356
3. Round off to the nearest lakh: a. 45,25,362 b. 25, 35, 599
4. List the factors of 125.
5. Write any 5 multiples of 12
6. Find the H.C.F of 12, 96 , 144 using division method.
7. Find the L.C.M. of 24, 120 , 480 using common division method.
8. Reduce to the lowest term: $\frac{125}{150}$
9. Convert the mixed number to improper fraction: $10\frac{5}{9}$



REVISION WORK -4

SOLVE THESE

1. Find the smallest number which when divided by 12, 16 and 20 leaves no remainder.
2. Elena spent $2\frac{2}{3}$ hrs. to complete Math's hw, $1\frac{4}{5}$ hrs. for S.st and , $1\frac{2}{3}$ hrs. for value education. How long does it take to complete all the homework?
3. Find the greatest number that can divide 663 and 975 exactly.





**TIME FOR
ANSWERS**



**KEEP CALM
AND
DO SOME
MATH REVISION**

1. Round off to the nearest tens:

a. $75,896 = 75,900$

b. $2009 = 2010$

2. Round off to the nearest hundreds :

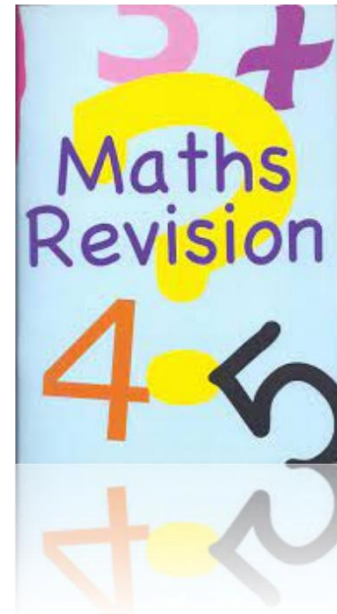
a. $99,845 = 99,800$

b. $6,09,356 = 6,09,400$

3. Round off to the nearest lakh:

a. $45,25,362 = 45,00,000$

b. $25,35,599 = 25,00,000$



4. List the factors of 125

Factors of 125 = 1, 5, 25, 125

5. Write any 5 multiples of 12

Any 5 multiples of 12 = 12, 24, 36, 48, 60

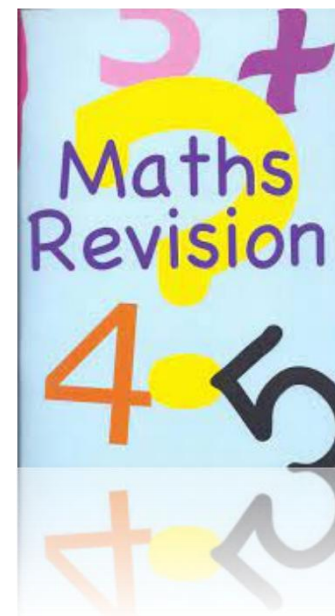
6. Find the H.C.F of 12, 96 , 144 using division method.

$$\begin{array}{r}
 96 \overline{) 144} \quad 1 \\
 \underline{96} \\
 48 \quad 2 \\
 \underline{48} \\
 0
 \end{array}$$

H.C.F. of 144 and 96 = 48

$$\begin{array}{r}
 12 \overline{) 48} \quad 4 \\
 \underline{48} \\
 0
 \end{array}$$

H.C.F. of 12, 96 and 144 is 12



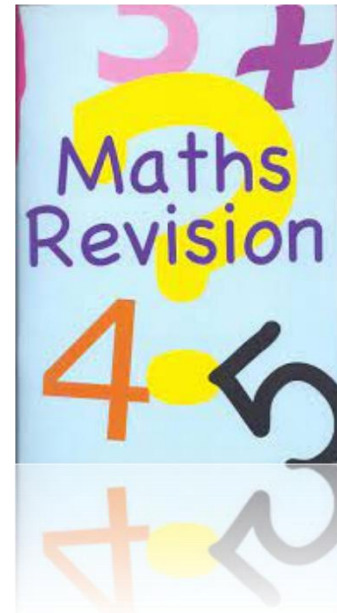
7. Find the L.C.M. of 24, 120, 480 using common division method.

2	24, 120, 480
2	12, 60, 240
2	6, 30, 120
3	3, 15, 60
5	1, 5, 20
2	1, 1, 4
2	1, 1, 2
	1, 1, 1

L.C.M. of 24, 120, 480 is = $2 \times 2 \times 2 \times 3 \times 5 \times 2 \times 2$
= **480**

8. Reduce to the lowest term:

$$\frac{125}{150} = \frac{25}{30} = \frac{5}{6}$$



9. Convert the mixed number to improper fraction:

$$10\frac{5}{9} = \frac{10 \times 9 + 5}{9} = \frac{95}{9}$$

SOLVE THESE

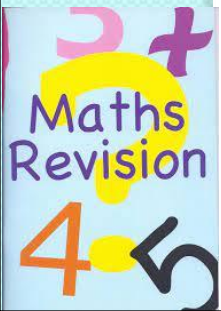
1. Find the smallest number which when divided by 12, 16 and 20 leaves no remainder.

L.C.M. of 12, 16, 20 =

$$2 \times 2 \times 2 \times 3 \times 2 \times 5 = \mathbf{240}$$

2	12, 16, 20
2	6, 8, 10
2	3, 4, 5
	3, 2, 5

So **240** is the smallest number which when divided by 12, 16, and 20 leaves remainder.



REVISION WORK -4

2. Elena spent $2\frac{2}{3}$ hrs. to complete Math's hw, $1\frac{4}{5}$ hrs. for S.st and , $1\frac{2}{3}$ hrs. for value education. How long does it take to complete all the homework?

$$\text{Time spent for math's hw} = 2\frac{2}{3} \text{ hrs.}$$

$$\text{Time spent for S.st. hw} = 1\frac{4}{5} \text{ hrs.}$$

$$\text{Time spent for V.Ed. hw} = 1\frac{2}{3}$$

$$\text{Total time spent} = 2\frac{2}{3} + 1\frac{4}{5} + 1\frac{2}{3}$$

$$= \left(\frac{8}{3} + \frac{9}{5} + \frac{5}{3}\right)$$

$$= \frac{(5 \times 8) + (3 \times 9) + (5 \times 5)}{15} = \frac{40 + 27 + 25}{15}$$

$$= \frac{92}{15} = 6\frac{2}{15}$$

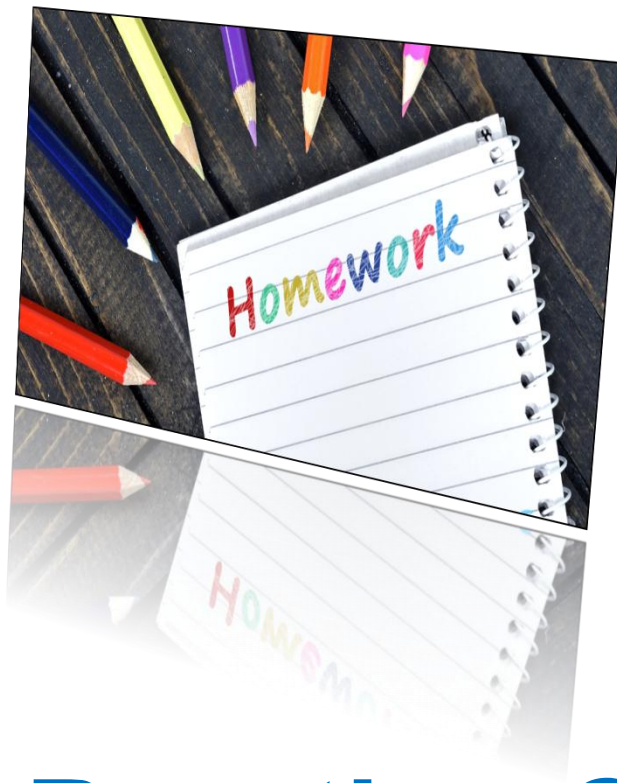
Total time spent for completing hw is $6\frac{2}{15}$ hrs.

3. Find the greatest number that can divide 663 and 975 exactly.

The H.C.F. of 663 and 975 = 39

$$\begin{array}{r}
 663 \overline{) 975} \\
 \underline{663} \\
 312 \\
 \underline{312} \\
 0
 \end{array}$$

∴ The greatest number which can divide 663 and 975 exactly is 39



➤ **Practice Ch.6, 8 & 9 for
Revision Test**



Learning Outcomes

**Students are able to recall
the previously taught
chapters.**

THANKING YOU
ODM EDUCATIONAL GROUP