CLASS	SUBJECT	TOPIC / CHAPTER	MODULE / ASSIGNMENT	REFERENCE LINKS

IV	MATHS	**DIVISION**
		
		6-7-20
			EX – 7(A)
			
			Divide by using division method.
			  a) 64 by 2
			
			  b) 96 by 3
			
			  c) 84 by 4
			
			  d) 36 by 3
				https://www.youtube.com/watch?v=CkpqH

		7-7-20	Ex – 7(b) 1) Simplify the following by repeated subtraction. a) $12 \div 2$ b) $12 \div 3$ c) $16 \div 4$	
		8-7-20	Simplify by repeated subtraction a) $36 \div 4$	

			b) $45 \div 5$	
			c) $15 \div 3$	
			d) $20 \div 5$	
		9-7-20	Simplify by division method.	
			a) $6 \div 3$	
			b) $6 \div 2$	
			c) $16 \div 4$	
		10.7.20	Simplify by drawing dots.	
			a) $18 \div 9$	
			b) $20 \div 5$	
			c) $15 \div 5$	
		11.7.20	Divide the following	
			a) $333 \div 3$	
			b) $369 \div 3$	
			c) $402 \div 2$	
			d) $489 \div 2$	

		13.7.20	Workout the following division and find the remainder and quotients.	
			a) $3639 \div 3$	
			b) $8264 \div 2$	
			c) $4084 \div 4$	
			d) $19 \div 6$	
		14.7.20	Find the quotient and remainder and verify the answer	
			a) $60 \div 8$	
			b) $7265 \div 3$	
			c) $71 \div 7$	
			d) $7345 \div 3$	
		15.7.20	Find the quotient, remainder and verify the answer.	
			a) $75 \div 10$	
			b) $100 \div 10$	
			c) $205 \div 5$	
		16.7.20	1. Rita has 100 stamps. She wants to paste 5 stamps on one page. How many pages are needed for all the stamps?	
			2. 5 buses carry 950 people. How many people can travel by each bus?	
			If 90 pens are packed in 10 packs. How many pens are there in a pack?	

	17.7.20	Simplify :	
		1. $36 \div 6 \times 4 + 2 - 8$	
		2. $6 + 8 \div 2 - 2 \times 1 + 5$ of $2 \div 5$	
		3. Use meaningful signs $(+ - \times \div)$	
	18.7.20	$7 \_\_\_ 3 = 21 \_\_\_3 = 7\_\_\_\_3 = 10.$	

ANSWERS

d)
```
      2448
   3 ) 7345
     - 6↓ |
       13
     - 12↓
     × 14
        12
       × 25
       - 24
        × 1
```

Dividend = 7345
Dinisor = 3
Quo = 2448
Rem = 1

∴ Divi = (Div × Quo) + Rem

7345 = (3 × 2448) + 1

= 7344 + 1

= 7345. — Verified.

(15)
```
      7
  10 ) 75
     - 70
      × 5
```

Q = 7
R = 5

Divi = (Div × Quo) + Rem

75 = (7 × 10) + 5

= 70 + 5

= 75 → Verified

b)

$$10\overline{)100}\;\;\overset{10}{}$$

Q = 10
R = 0

$$\begin{array}{r}10\;\;\;\; \\ \underline{-10}\downarrow \\ \times\times\,0 \\ \underline{-0} \\ \times \end{array}$$

Divi = (Div × Quo) + Rem.

100 = (10 × 10) + 0

= 100 → verified,

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c)

$$5\overline{)205}\;\;\overset{41}{}$$

Q = 41
R = 0

$$\begin{array}{r}41 \\ \underline{-20}\downarrow \\ \times\times\,5 \\ \underline{-5} \\ \times \end{array}$$

Divi = (Div × Quo) + Rem

205 = (5 × 41) + 0

= 205 → verified.

d)

```
        2448
     3 ) 7345
       - 6 ↓
         1 3
       - 1 2 ↓
         × 1 4
           1 2
         × 2 5
         - 2 4
           × 1
```

Dividend = 7345
Divisor = 3
Quo = 2448
Rem = 1

∴ Divi = (Div × Quo) + Rem

7345 = (3 × 2448) + 1

 = 7344 + 1

 = 7345.   —   Verified.

15)

```
         7
     10 ) 75
        - 7 0
          × 5
```

Q = 7
R = 5

Divi = (Div × Quo) + Rem

75 = (7 × 10) + 5

 = 70 + 5

 = 75 → Verified

b)

$$10 \overline{)100} \quad \begin{array}{l} Q = 10 \\ R = 0 \end{array}$$
$$\underline{-10 \downarrow}$$
$$\times \times 0$$
$$\underline{-0}$$
$$\times$$

Divi = (Div × Quo) + Rem.
100 = (10 × 10) + 0
= 100 → verified.

c)

$$5 \overline{)205} \quad \begin{array}{l} Q = 41 \\ R = 0 \end{array}$$
$$\underline{-20 \downarrow}$$
$$\times \times 5$$
$$\underline{-5}$$
$$\times$$

Divi = (Div × Quo) + Rem
205 = (5 × 41) + 0
= 205 → verified.

16)

a) No of stamps = 100

No of stamps in each page = 5.

∴ No of pages required = 100 ÷ 5

$$
\begin{array}{r}
20 \\
5\overline{)100} \\
-10\downarrow \\
\hline
00 \\
-0 \\
\hline
0
\end{array}
$$

Hence, Rita will need 20 pages.

b) No of buses = 5

No of people = 950

No of people in each bus = 950 ÷ 5

$$
\begin{array}{r}
190 \\
5\overline{)950} \\
-5\downarrow \\
\hline
45 \\
-45\downarrow \\
\hline
00 \\
-0 \\
\hline
0
\end{array}
$$

Hence, there will be 190 people in each bus.

b)

$$10 \overline{)100}$$

$$\begin{array}{r} 10 \\ 10\overline{)100} \\ -10\downarrow \\ \hline \times\times 0 \\ -0 \\ \hline 0 \end{array}$$

Q = 10
R = 0

Divi = (Div × Quo) + Rem.
100 = (10 × 10) + 0
     =   100   → verified.

c)

$$\begin{array}{r} 41 \\ 5\overline{)205} \\ -20\downarrow \\ \hline \times\times 5 \\ -5 \\ \hline \times \end{array}$$

Q = 41
R = 0.8)

Divi = (Div × Quo) + Rem
205 = (5 × 41) + 0
     =   205   → verified.

c) No of pens = 90

No of boxes = 10

∴ No of pens in each box = $90 \div 10$

$$10 \overline{\smash{)}90} \quad \begin{array}{r} 9 \\ \hline -90 \\ \hline 0 \end{array}$$

Hence, there will be 9 pens in each box.

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17)

a) $\underline{36 \div 6 \times 4 + 2 - 8}$

⟹ $\underline{6 \times 4 + 2 - 8}$

⟹ $\underline{24 + 2 - 8}$

⟹ $\underline{26 - 8}$

= 18 Ans

b) $6 + 8 \div 2 - 2 \times 1 + \underline{5 \text{ of } 2} \div 5$

$\Rightarrow 6 + 8 \div 2 - 2 \times 1 + 10 \div 5$

$\Rightarrow 6 + 4 - 2 + 2$

$\Rightarrow 10 - 4 = 6 \text{ Ans}$

c) $7 \times 3 = 21 \div 3 = 7 + 3 = 10$

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