

**KERALA PUBLIC SCHOOLS**  
**HOME ASSIGNMENT (6<sup>TH</sup> TO 17<sup>TH</sup> JULY)**



CLASS	SUBJECT	TOPIC / CHAPTER	MODULE / ASSIGNMENT	REFERENCE LINKS
IV	MATHS	<b>DIVISION</b>  6-7-20          7-7-20          8-7-20	EX – 7( A)  Divide by using division method. a) 64 by 2  b) 96 by 3  c) 84 by 4  d) 36 by 3  Ex – 7(b)  1) Simplify the following by repeated subtraction.  a) $12 \div 2$  b) $12 \div 3$  c) $16 \div 4$  Simplify by repeated subtraction  a) $36 \div 4$	<a href="https://www.youtube.com/watch?v=CkpqH">https://www.youtube.com/watch?v=CkpqH</a>

9-7-20

b)  $45 \div 5$

c)  $15 \div 3$

d)  $20 \div 5$

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.  $6 + 8 \div 2 - 2 \times 1 + 5 \text{ of } 2 \div 5$

3. Use meaningful signs (+ - x  $\div$ )

18.7.20

7 \_\_\_ 3 = 21 \_\_\_ 3 = 7 \_\_\_ 3 = 10.

**ANSWERS**

The image shows handwritten mathematical work on lined paper. At the top right, there is a small box for 'Date' and 'Page'. The work is divided into two parts, b) and c).

**Part b)**

Division:  $7265 \div 3$

Long division:  $3 \overline{)7265}$

Quotient: 2421

Remainder: 2

Verification:  $Dividend = (Divi \times Quo) + Remainder$   
 $7265 = (3 \times 2421) + 2$   
 $= 7263 + 2$   
 $= 7265 \rightarrow \text{Verified.}$

**Part c)**

Division:  $402 \div 2$

Long division:  $2 \overline{)402}$

Quotient: 201

Remainder: 0

Verification:  $Div = (Divi \times Quo) + Rem.$   
 $402 = (2 \times 201) + 0$   
 $= 402 \rightarrow \text{verified.}$

At the bottom, there is a line for 'Teacher's Signature'.

$$\begin{array}{r}
 2448 \\
 3 \overline{) 7345} \\
 \underline{-6} \downarrow \\
 13 \\
 \underline{-12} \downarrow \\
 \times 14 \\
 12 \downarrow \\
 \times 25 \\
 \underline{-24} \\
 \times 1
 \end{array}$$

$$\begin{aligned}
 \text{Dividend} &= 7345 \\
 \text{Divisor} &= 3 \\
 \text{Quo} &= 2448 \\
 \text{Rem} &= 1
 \end{aligned}$$

$$\begin{aligned}
 \therefore \text{Divi} &= (\text{Div} \times \text{Quo}) + \text{Rem} \\
 7345 &= (3 \times 2448) + 1 \\
 &= 7344 + 1 \\
 &= 7345 \quad \rightarrow \text{Verified.}
 \end{aligned}$$

15)

$$\begin{array}{r}
 7 \\
 10 \overline{) 75} \\
 \underline{-70} \\
 \times 5
 \end{array}$$

$$\begin{aligned}
 Q &= 7 \\
 R &= 5
 \end{aligned}$$

$$\begin{aligned}
 \text{Divi} &= (\text{Div} \times \text{Quo}) + \text{Rem} \\
 75 &= (7 \times 10) + 5 \\
 &= 70 + 5 \\
 &= 75 \rightarrow \text{Verified}
 \end{aligned}$$

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

$$\begin{aligned} \text{Divi} &= (\text{Div} \times \text{Quo}) + \text{Rem.} \\ 100 &= (10 \times 10) + 0 \\ &= 100 \rightarrow \text{Verified} \end{aligned}$$

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

$$\text{Divi} = (\text{Div} \times \text{Quo}) + \text{Rem}$$

$$\begin{aligned} 205 &= (5 \times 41) + 0 \\ &= 205 \rightarrow \text{Verified} \end{aligned}$$

Date \_\_\_\_\_  
Page \_\_\_\_\_

d)

$$\begin{array}{r}
 2448 \\
 3 \overline{) 7345} \\
 \underline{-6} \downarrow \\
 13 \\
 \underline{-12} \downarrow \\
 \times 14 \\
 \underline{12} \downarrow \\
 \times 25 \\
 \underline{-24} \\
 \times 1
 \end{array}$$

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

$$\begin{aligned}
 \therefore \text{Divi} &= (\text{Div} \times \text{Quo}) + \text{Rem} \\
 7345 &= (3 \times 2448) + 1 \\
 &= 7344 + 1 \\
 &= 7345 \quad \rightarrow \text{Verified.}
 \end{aligned}$$

15)

$$\begin{array}{r}
 7 \\
 10 \overline{) 75} \\
 \underline{-70} \\
 \times 5
 \end{array}$$

Q = 7  
 R = 5

$$\begin{aligned}
 \text{Divi} &= (\text{Div} \times \text{Quo}) + \text{Rem} \\
 75 &= (7 \times 10) + 5 \\
 &= 70 + 5 \\
 &= 75 \rightarrow \text{Verified}
 \end{aligned}$$

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

$$\begin{aligned} \text{Divi} &= (\text{Div} \times \text{Quo}) + \text{Rem.} \\ 100 &= (10 \times 10) + 0 \\ &= 100 \rightarrow \text{verified.} \end{aligned}$$

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

$$\text{Divi} = (\text{Div} \times \text{Quo}) + \text{Rem}$$

$$\begin{aligned} 205 &= (5 \times 41) + 0 \\ &= 205 \rightarrow \text{verified.} \end{aligned}$$



16)

a) No of stamps = 100  
No of stamps in each page = 5.

∴ No of pages required =  $100 \div 5$

$$\begin{array}{r} 20 \\ 5 \overline{) 100} \\ \underline{- 10} \phantom{0} \\ 90 \phantom{0} \\ \underline{- 90} \phantom{0} \\ 0 \phantom{0} \\ \underline{- 0} \\ 0 \end{array}$$

Hence, Rita will need 20 pages.

b) No of buses = 5  
No of people = 950

No of people in each bus =  $950 \div 5$

$$\begin{array}{r} 190 \\ 5 \overline{) 950} \\ \underline{- 5} \phantom{0} \\ 45 \phantom{0} \\ \underline{- 45} \phantom{0} \\ 0 \phantom{0} \\ \underline{- 0} \\ 0 \end{array}$$

Hence, there will be 190 people in each bus.

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

$$Q = 10 \\ R = 0$$

$$\begin{aligned} \text{Divi} &= (\text{Div} \times \text{Quo}) + \text{Rem.} \\ 100 &= (10 \times 10) + 0 \\ &= 100 \rightarrow \text{verified.} \end{aligned}$$

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

$$\text{Divi} = (\text{Div} \times \text{Quo}) + \text{Rem}$$

$$\begin{aligned} 205 &= (5 \times 41) + 0 \\ &= 205 \rightarrow \text{verified.} \end{aligned}$$

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

$$\begin{array}{r} 10 \overline{) 90} \\ \underline{90} \\ 0 \end{array}$$

Hence, there will be 9 pens in each box.

17)

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

$\Rightarrow 6 \times 4 + 2 - 8$

$\Rightarrow 24 + 2 - 8$

$\Rightarrow 26 - 8$

= 18 Ans

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

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

$\Rightarrow 6 + 4 - 2 + 2$

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

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

Rakshmi

DIRECTOR ACADEMICS