

Welland Gouldsmith School
Mathematics
Class 4
Chapter 4- Division

Synopsis:

Division is dividing things equally into groups.

1.

$$\begin{array}{r} 011 \\ \hline 25 \overline{) 275} \\ - 25 \\ \hline 025 \\ - 25 \\ \hline 00 \\ \hline \end{array}$$

Ans: Q= 11

R =0

Note:

25 is divisor

275 is dividend

11 is quotient

0 is remainder

To check division:

Quotient x Divisor + Remainder= Dividend

$$11 \times 25 + 0 = 275$$

2.

$$\begin{array}{r} 0142 \\ \hline 19 \overline{) 2708} \\ - 19 \\ \hline 80 \\ - 76 \\ \hline 48 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} \text{-----} \\ 10 \\ \text{-----} \end{array}$$

Ans: Q = 142
R = 10

Word problem sum:

Rohit has 525 stamps. He wants to paste them in a stamp album. On a page you can paste 25 stamps. How many pages will he need to paste all the stamps?

Total number of stamps = 525
Number of stamps on one page = 25
Number of pages needed = $525 \div 25$

$$\begin{array}{r} 021 \\ \text{-----} \\ 25 \overline{) 525} \\ - 50 \\ \text{-----} \\ 025 \\ - 25 \\ \text{-----} \\ 00 \\ \text{-----} \end{array}$$

Ans: 21 pages are needed to paste 525 stamps.

1. Divide :

1. $819 \div 12$
2. $8709 \div 26$
3. $2852 \div 23$
4. $7604 \div 37$
5. $9009 \div 39$
6. $924 \div 12$

2. Word problem sums:

1. 35 students can sit in a room. How many rooms will accommodate 455 students?
2. 6803 mangoes were divided equally among 43 persons. How many mangoes did each one get and how many remained undivided?

Textbook Exercises:

Pg. 57 ex. 4.1 A. 1,7,10,14

Pg.63. B. 10,16

Pg 63. C. 10, 16

Pg 65 ex 4.4. A. 6,11

Pg 66 ex. 4.5. 1, 4, 7,10