

Welland Gouldsmith School
Mathematics
Class 4
Chapter 4- Division
Answer key

I. Solve the following:

$$\begin{array}{r} 068 \\ \hline 1. \ 12 \overline{)819} \\ \underline{-72} \\ 099 \\ \underline{-96} \\ 003 \end{array}$$

Ans: Q=68
R=3

$$\begin{array}{r} 0344 \\ \hline 2. \ 26 \overline{)8709} \\ \underline{-78} \\ 90 \\ \underline{-78} \\ 129 \\ \underline{-104} \\ 025 \end{array}$$

Ans: Q=344
R=25

$$\begin{array}{r} 0124 \\ \hline 3. \ 23 \overline{)2852} \\ \underline{-23} \\ 55 \end{array}$$

$$\begin{array}{r}
 -46 \\
 \hline
 92 \\
 -92 \\
 \hline
 00 \\
 \hline
 \end{array}$$

Ans: Q=124
R=0

0205

4. 37)7604

$$\begin{array}{r}
 -74 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 204 \\
 -185 \\
 \hline
 019 \\
 \hline
 \end{array}$$

Ans: Q=205
R=19

0231

5. 39)9009

$$\begin{array}{r}
 -78 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 120 \\
 -117 \\
 \hline
 39 \\
 -39 \\
 \hline
 00 \\
 \hline
 \end{array}$$

Ans: Q=231
R=0

077

6. 12)924

$$\begin{array}{r}
 -84 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \hline
 84 \\
 -84 \\
 \hline
 00 \\
 \hline
 \end{array}$$

Ans: Q=77
R=0

II. Word problem sums:

1. Number of students in one room=35

Total number of students =455

Number of rooms which will accommodate 455 students= $455 \div 35$

013

$$\begin{array}{r}
 \hline
 35)455 \\
 -35 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \hline
 105 \\
 -105 \\
 \hline
 000 \\
 \hline
 \end{array}$$

Ans: 13 rooms will accommodate 455 students.

2. Number of mangoes=6803

Number of people=43

Number of mangoes each one gets=

$$6803 \div 43$$

0158

$$\begin{array}{r}
 \hline
 43)6803 \\
 -43 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 \hline
 250 \\
 -215 \\
 \hline
 353 \\
 -344 \\
 \hline
 009 \\
 \hline
 \end{array}$$

Ans: Each one got 158 mangoes.

9 mangoes remained undivided.

Textbook Exercises:

Ex. 4.1 A.

211

1. 4)844

-8

04

-4

04

-4

0

Ans Q= 211

R= 0

3181

7. 3)9543

-9

05

-3

24

-24

003

-3

000

Ans: Q= 3181

R= 0

1887

10. 4)7550

-4

$$\begin{array}{r} \hline 35 \\ -32 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 35 \\ -32 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 30 \\ -28 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 02 \\ \hline \end{array}$$

Ans: Q=1887
R=2

1201

14. 5) 6005

$$\begin{array}{r} \hline -5 \\ \hline \end{array}$$

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

$$\begin{array}{r} \hline 05 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 00 \\ \hline \end{array}$$

Ans: Q= 1201
R= 0

B.

03

10. 31)93

$$\begin{array}{r} \hline -93 \\ \hline \end{array}$$

$$\begin{array}{r} \hline 00 \\ \hline \end{array}$$

Ans: Q=3
R=0

02

$$\begin{array}{r} \text{16. 38)92} \\ -76 \\ \hline 16 \end{array}$$

Ans: Q=2
R=16

C.

007

$$\begin{array}{r} \text{10. 18)141} \\ -126 \\ \hline 015 \end{array}$$

Ans: Q=7
R=15

$$7 \times 18 + 15 = 141$$

011

$$\begin{array}{r} \text{16. 77)904} \\ -77 \\ \hline 134 \\ -77 \\ \hline 57 \end{array}$$

Ans: Q=11
R=57

$$11 \times 77 + 57 = 904$$

Ex. 4.4 A

0116

6. 29)3374

-29

47

-29

184

-174

010

Ans: Q=116

R=10

0158

11. 28)4424

-28

162

-140

224

-224

000

Ans : Q=158

R=0

Ex. 4.5

1. Number of balls = 119

Number of boxes= 7

Number of ball in each box = $119 \div 7$

017

7)119

-7

49

-49

$$\begin{array}{r} \hline 00 \\ \hline \end{array}$$

Ans: There will be 17 balls in each box.

4. Number of trees = 153
 Number of rows = 9
 Number of trees in each row = $153 \div 9$

$$\begin{array}{r} 017 \\ \hline 9)153 \\ -9 \\ \hline 63 \\ -63 \\ \hline 00 \\ \hline \end{array}$$

Ans: 17 trees were planted in each row.

7. Number of notebooks = 42
 Cost of 42 notebooks = Rs. 966
 Cost of 1 notebook = $966 \div 42$

$$\begin{array}{r} 023 \\ \hline 42) 966 \\ -84 \\ \hline 126 \\ -126 \\ \hline 000 \\ \hline \end{array}$$

Ans: The cost of 1 notebook is Rs. 23.

10. Number of trucks = 36
 Number of cartoons of books = 864
 Number of cartoons loaded in one
 truck = $864 \div 36$

024

36) 864

-72

144

-144

000

Ans: 24 cartoons are loaded in each truck.