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**LONG DIVISION WITH REMAINDERS WORKSHEETS-IV**

1) Write 'True' or 'False' in the box.

a)  $34 \div 7$  will give us 6 as the remainder.

b)  $6408 \div 8 = 81$

c) Dividend = Divisor  $\times$  Quotient + Remainder

d)  $45 \div 9 = 9 \div 45$

2) Calculate the remainder using long division.

a)  $4511 \div 11$

b)  $10126 \div 52$

3) Choose the better estimate:

$3050 \div 100$       a. 300    b. 30

**Answer Q.3 and Q.4 based on the following information.**

Rose wants to make 580 paper bags. She has already made 72 bags. She can make 17 paper bags in a day.

4) In many days will she be able to make the rest of the bags?

5) How many bags will she make in the last day?

6) Divide the following numbers by 42 by long division and write the quotient in the box.

a) 88624

b) 2845

7) A comet appears 4 times a year in space. If it appears 605 times till now, from how many years the comet is appearing?



8) Calculate the remainder after long division and verify your answer.

$$40012 \div 36$$

9) Match the following columns:

Division Operation	Remainder
1. $4150 \div 30$	a. 3
2. $8740 \div 23$	b. 10
3. $9075 \div 7$	c. 0

10) Fill in the blanks.

$$\begin{array}{r}
 0 \square \square \\
 \hline
 32 \overline{) 487} \\
 \underline{- 0} \\
 48 \\
 \underline{- 3 \square} \\
 1 \square 7 \\
 \underline{- 160} \\
 7
 \end{array}$$

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"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

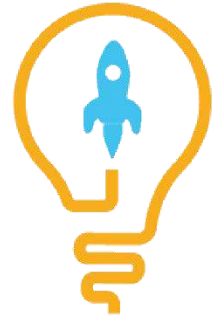
- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

1)	a) True b) False c) True d) False
2)	a) 1 b) 38
3)	b)
4)	30
5)	15
6)	a) 2110 b) 67
7)	$151\frac{1}{4}$
8)	16
9)	1--b; 2--c; 3--a
10)	1, 5, 2, 6

## FUN FACT

1. The horizontal bar of fractions, used to indicate division, introduced by the Arabs, although its use did not spread until 16th century.
2. In English-speaking countries, division slash ( $/$ ) or division sign ( $\div$ ) symbols are not used for long division, but instead constructs a tableau.
3. The modern algorithm adopted to solve long division was introduced by Henry Briggs c. 1600 A.D.

