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5th Grade Long Division Worksheets

Q.1 Find the quotient by long division: $94627 \div 29$

Q.2 At a shop, a group of 16 friends bought 6427 marbles. They want to distribute the marbles equally. Can you help them distribute, and also find the remaining marbles?

Q.3 If in a concert, there are 8752 people. If they are divided into groups of 24 people per group. Find out how many groups will be there.

Q.4 A rope of length 4213 m is to cut into small pieces of length 27 m per piece. Find out the total number of pieces of ropes that are equal.

Q.5 State whether true or false: $4680 \div 30 = 156$

Q.6 Filicia was making garlands by using 108 beads per garland. If there are 34244 beads. Find out the total number of garlands she will make if 136 beads were found defective.

Q.7 Solve:

$$\begin{array}{r} 43 \overline{) 85831} \end{array}$$

Q.8 Fill in the blanks:

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

Q.9 Find the smallest 5 digit number divisible by 23.

Q.10 Calculate the remainder after long division and verify your answer : $4462 \div 16$

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in an interesting way,
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"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."

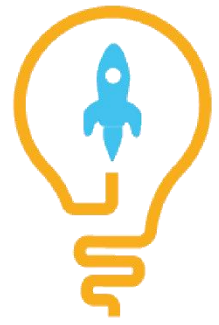
- Kirk Riley

"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."

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**ANSWERS**

1)	3,263
2)	401 Remaining marbles=11
3)	364 groups
4)	156 pieces
5)	True
6)	315 garlands
7)	Quotient= 1996 Remainder= 3
8)	1,5,2,6
9)	11,109
10)	R=14

FUN FACT

1. The horizontal bar of fraction, used to denote division operation was introduced by Arabs.
2. Another important symbol, an oblique slash, widely to denote division was introduced by De Morgan in 1845.
3. The word division had its origin from the Latin word "dividere", meaning to force apart, cleave or distribute.

