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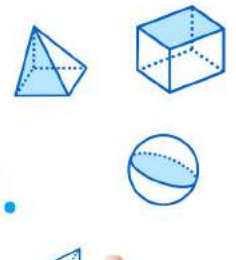

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5th Grade Long Division Worksheets

Q.1 Find the quotient by long division: 7,561,701 ÷ 27

Q.2 For a birthday party decoration, Trevor needs 3492 balloons. The balloons come in a pack of 18. How many packs should he buy?

Q.3 If on a bus 24 people can sit. Find out the total number of buses required to accommodate 461,712 people.

Q.4 In a Walmart, there are 5 masks in a pack and 26 such packs are kept in a box. Donald wants to buy 11,570 masks. How many boxes does he have to buy?

Q.5 A certain number was multiplied by 6 and the result is 204. Find the number.

Q.6 Solve:

$$86\overline{)10535}$$

Q.7 Calculate the remainder after long division and verify your answer.
20012 ÷ 16

Q.8 State whether true or false: 35751 ÷ 17 = 2102

Q.9 Fill in the blanks:

$$\begin{array}{r} \square\square \\ 36\overline{)2412} \\ -216 \\ \hline 252 \\ -25\square \\ \hline 00\square \end{array}$$

Q.10 Find the smallest 3 digit number divisible by 13.

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Why choose Cuemath?

"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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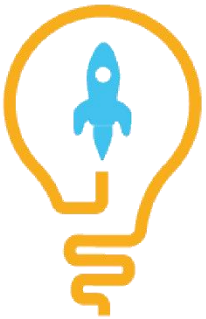

ANSWERS

1)	280, 063
2)	194 Packs
3)	19,238 buses
4)	89 packs
5)	34
6)	Quotient= 122, Remainder= 43
7)	12
8)	False
9)	6,7,2,0
10)	104

FUN FACT

1. Symbols like slash (/) or division sign (÷) can be used to depict division. But, English-speaking countries specifically construct a tableau to solve long division.
2. Mathematician Fibonacci was the first to use horizontal bar of fractions for division in Europe in the thirteenth.
3. The modern algorithm to solve long division was given by Henry Briggs in 1600 AD.