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## 4th Grade Long Division Worksheets

Q. 1 Find the quotient of the following using long division: $672 \div 3$
Q. 2 A packing machine in an industry packs 8 chocolates in a pack. If there are 1272 chocolates. How many packs of chocolate will be there if the machine packs all the chocolates?
Q. 3 In a flower vase, 7 flowers can be accommodated. If there are 2876 flowers. Then can you find out how many flowers will be in the last vase which is not full?

Q. 4 Terry was making a mixtape. If there are 2884 songs and each tape can contain 6 songs. Find out the total number of mixtapes Terry will have in his collection?
Q. 5 Match the following element in column A which can completely divide the element in column B

| A | B |
| :--- | :--- |
| 1.5 | a. 372 |
| 2.6 | b. 265 |
| 3.9 | c. 369 |

Q. 6 Find the remainder if we divide 742 by 3 using long division method.
Q. 7 Rachel was ordering pizzas for the party. If there are 2441 people at the party and 8 people can eat from a pizza. Then how many pizzas shall she buy?

Q. 8 Olivia was making flower garlands. A garland contains 8 flowers. If there are 144 flowers. Find out the total number of garlands she will make.
Q. 9 Find the quotient.

Q. 10 In a Walmart, a pack of coffee mugs contains 2 mugs. If they sold 6142 mugs in a day, then how many packs of mugs did they sell?

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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!"
"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."
"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."

## ANSWERS

| 1$)$ | 224 |
| :---: | :--- |
| 2$)$ | 159 |
| 3$)$ | 398 |
| 4$)$ | 481 |
| 5$)$ | $1-b, 2-a, 3-c$ |
| 6$)$ | 1 |
| 7$)$ | 306 |
| 8$)$ | 18 |
| 9$)$ | 169 |
| 10$)$ | 3071 |

## FUN FACT

1. Dividing a number by 0 is not defined.
2. Many algorithms have existed since the 13th century to solve long division, the one most prominent being introduced by Henry Briggs.
3. The modern algorithm to solve long division was given by Henry Briggs in 1600 AD.
