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Long Division Worksheets

1) What is the number to be added to 1893, for it to be exactly divisible by 12?

2) State whether true or false: 16424 ÷ 23 = 714

3) Solve:

$$23\overline{)19386}$$

4) 99902 flowers are to be put in flower pots. 29 flowers can be kept in the flower pot. How many flower pots are required if 345 plants were found dead, and could not be used?

5) The number that comes above the long division symbol is called the.
   a) Quotient
   b) Divisor
   c) Dividend

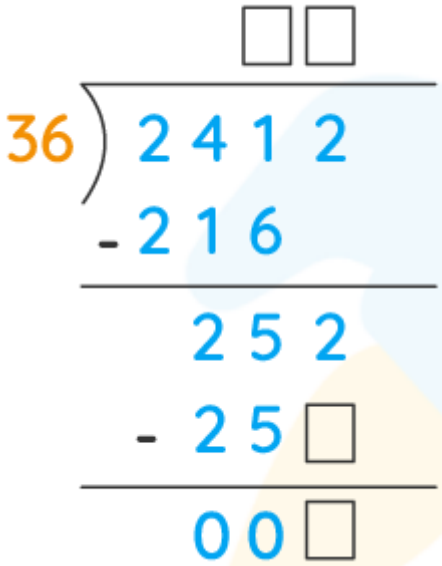
6) If a bell rings in every 20 minutes, how many times does it ring in 14 hours?

7) Divide the polynomial $2x^3 - 5x^2 - 8x + 15$ by $x - 3$.

8) Check whether $x + 2$ is a factor of polynomial $2x^3 - 3x^2 + 4x + 36$.

9) Find the value of k if the polynomial $2x^2 + 7x + k$ has one factor as $2x + 3$.

10) Fill in the blanks:



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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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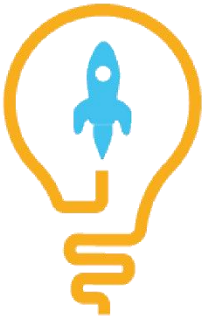
ANSWERS



1)	3
2)	False
3)	Quotient = 842 Remainder = 20
4)	3433 flower pots
5)	a)
6)	42 times
7)	Quotient = $2x^2 + x - 5$
8)	Yes, it is a factor.
9)	6
10)	6, 7, 2, 0

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FUN FACT

1. The horizontal bar of fraction, used to denote division operation was introduced by Arabs.
2. Another important math 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.