

Class: 3

Subject: Mathematics

Prepared by Shameema Akhtar

Date: 14/ 6/ 2020



Chapter: Division

Lecture -4 notes

Practice more division:

1) $649 \div 5$

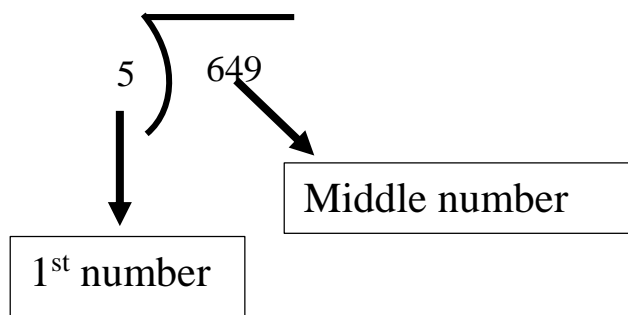
Step1

Write the given division problem vertically

$$\begin{array}{r} \\ 5 \overline{) 649} \end{array}$$

Step2

Decide how many digit you will take for division. Take the 1st digit of the middle number, the same number that you have in the 1st number. If the number that you have taken from the middle number is smaller than the 1st number you have to take next digit.



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Step3

Observe times table of 1st number and find closer number or exact middle number that you have chosen for divide.

$$\begin{array}{r} \square \\ 5 \overline{) 649} \end{array}$$

$$5 \times 1 = 5$$

$$5 \times 2 = 10$$

Closer number of 6 is 5. we can't cross 6 so 10 is not closer number. We have to choose smaller possible number.

Step 4

Write the number up to the middle number (from times table of 1st number), which is multiply with the 1st number of division problem and for which number we get closer number.

$$\begin{array}{r} 1 \\ 5 \overline{) 649} \end{array}$$

$5 \times 1 = 5$

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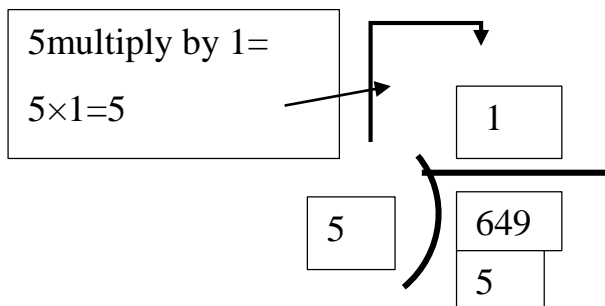
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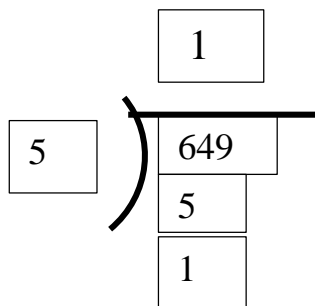
Step 5

Multiply upper number and 1st number write the answer bellow middle number.



Step 6

Take that multiplication result away from middle number for getting remainder.



Step 7

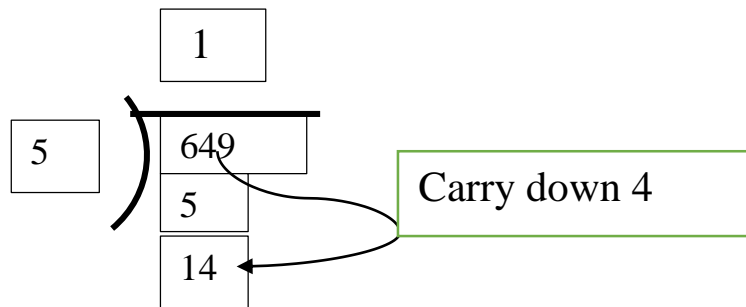
Carry down to the next number. Decide how many digit you will take for division.

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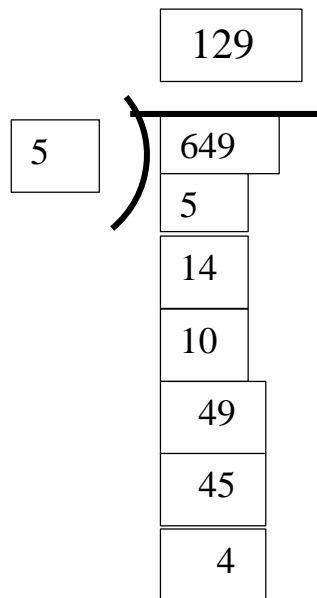
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Step 8

Now we have a new number. Repeat process 3 to 6.



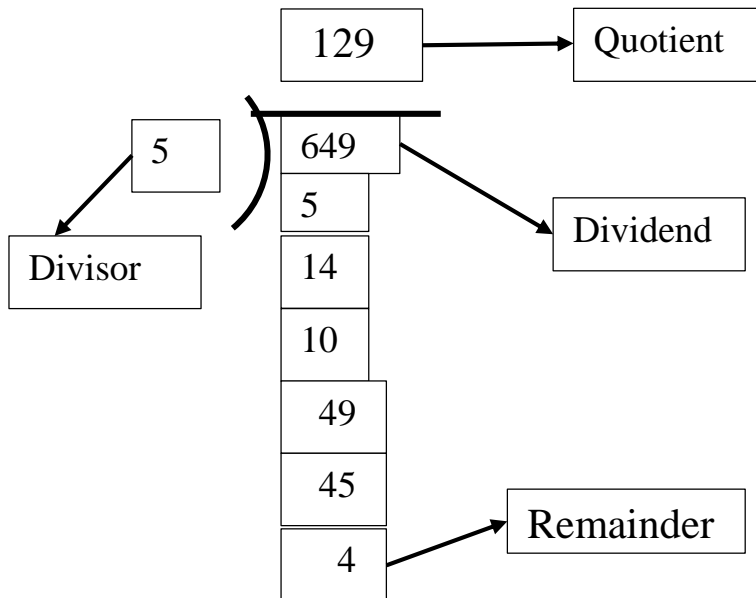
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Parts of a division problem



There are 4 parts of a division problem.

1. Dividend: The number that is divided is called dividend. In the above problem 649 is the dividend.
2. Divisor: The number that will divide the dividend. In the above problem 5 is the divisor.
3. Quotient: The answer to a division problem. In the above problem 129 is the quotient
4. Remainder: An amount left over after division. . In the above problem 4 is the remainder.

1. Write down the terms of this problems with solution:

a. $92 \div 9$

b. $201 \div 5$

c. $575 \div 3$

d. $327 \div 6$

e. $819 \div 7$

f. $962 \div 3$

g. $715 \div 4$

h. $683 \div 5$
