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6th Grade Long Division Worksheet

1) Find the answer and round the answers to 4 decimal places.

$$\underline{91} \overline{)938.92}$$

2) The number that comes inside the long division symbol is called the.....

- a. Divisor
- b. Quotient
- c. Dividend
- d. None of these

3) Find the quotient by long division methods:

$$23,050 \div 50 =$$

4) Is 93 completely divisible by 3?

- a. Yes
- b. No

5) If Y is equal to X divided by 2 and the value of X is 24. What is the value of Y?

6) In a city, there is a total of 45000 seats in the movie theaters across 40 locations. If each theater consists of the same amount of seats. How many seats are in each theater?



"One senior and one refuses to accept he's a senior."

7) The new software company has 575 computers. If the installation of new software on 25 computers took 10 minutes at one time, how much time will it take to install new software on all computers?

Q.8) A Baseball stadium has 20,000 seats and 8 blocks. How many seats are there in each block if it serves the same number of seats to each block?

9) Suppose the average distance from Mars to Earth is 139.809 million miles. If any satellite is sent to Mars at a speed of 10,000 miles per hour. How many days would it take the satellite to reach Mars?

10) In a library, for 20 students there are 20 chairs and 10 tables, what is the number of tables and chairs needed for 40 students?



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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."

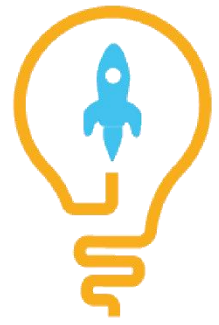
- Kirk Riley

"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."

- Barbara Cabrera

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**ANSWERS**

1. 10.3170	2. Dividend	3. 461	4. Yes	5. $Y = 12$
6. 1125	7. 230 minutes.	8. 2500	9. 0.1398 million hours	10. tables=20 chairs=40

FUN FACT

1. A condition where the quotient equals the dividend always means that the dividend is divided by 1.
2. The quotient in mathematics can be defined as the result of the division between a number and any divisor.
3. There are four parts of the division. Divisor, quotient, dividend and remainder.

