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Dividing Whole Numbers Worksheet-4

1) Complete the given solution.

$$\begin{array}{r}
 13\bigcirc2 \\
 35 \overline{) 47320} \\
 \underline{- \bigcirc} \quad \downarrow \downarrow \downarrow \\
 123 \\
 \underline{- \bigcirc} \\
 182 \\
 \underline{- 172} \\
 70 \\
 \underline{- \bigcirc} \\
 0
 \end{array}$$

2) Calculate the remainder and verify your answer.

$$20012 \div 16$$

3) Candice was ordering pizzas for the party. If there are 2744 people at the party and 30 people can eat from 15 pizzas. Then how many pizzas shall she buy?



4) Divide 456 by 30 and write the values of quotient and remainder.

$$456 \div 30$$

Quotient

Remainder

5) Solve

$$13 \overline{) 35744}$$

6) 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?



7) Students in the school collected \$38675 for the upcoming fest. If each student chipped \$91, find out the total number of students in a class if there are 25 such classes in the school.

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

9) It takes 1 hour to complete a journey of 70 miles by car. In how many hours journey of 1470 miles will complete?

10) Match the following:

1	$68 \div 17$	a.	5
2	$56 \div 4$	b.	7
3	$105 \div 15$	c.	14
4	$110 \div 22$	d.	4

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in an interesting way,
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- 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."

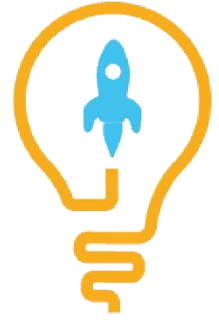
- Kirk Riley

"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)	$ \begin{array}{r} 1352 \\ 35 \overline{) 47320} \\ \underline{- 35} \downarrow \downarrow \downarrow \\ 123 \\ \underline{- 105} \\ 182 \\ \underline{- 172} \\ 70 \\ \underline{- 70} \\ 0 \end{array} $
2)	10
3)	1372 pizzas
4)	Quotient=15, Remainder=6
5)	Quotient=2749, Remainder=7
6)	6 flowers
7)	17 students in a class
8)	42 times
9)	21 hours
10)	1-d, 2-c, 3-b, 4-a

FUN FACT

1. Division algorithm, $\text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$
2. Symbol used for [division](#) is \div or $/$.
3. Division is one of the four basic arithmetic operations along with [addition](#), [subtraction](#) and multiplication.

