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## Long Division Worksheets Grade 3

1) State true/false.

In long division, the divisor is written outside the right parenthesis, while the dividend is placed within. \_\_\_\_\_

Q2. Fill in the blank.

The result of division is called \_\_\_\_\_

- (a) Dividend
- (b) Divisor
- (c) Quotient
- (d) Remainder

Q3. What is the quotient when 417 is divided by 6.



Q4. Identify the parts of long division:

$$436 \div 4 = 109$$

- (a) Dividend =
- (b) Divisor =
- (c) Quotient =
- (d) Remainder =

5) Divide:  $606 \div 8$ .

6) \$4000 needs to be distributed among 25 men for the work completed by them at a construction site. Calculate the amount given to each man.

7) Divide 372 by 5 and verify your answer.

8) Fill in the boxes.

$$\begin{array}{r}
 1 \square \square \\
 \hline
 7 \overline{) 826} \\
 \underline{- 7} \phantom{0} \phantom{0} \\
 \phantom{0} 2 \phantom{0} \\
 \phantom{0} \underline{- \phantom{0}} \phantom{0} \\
 \phantom{0} \phantom{0} 5 \phantom{0} \\
 \phantom{0} \phantom{0} \underline{- \phantom{0} \phantom{0}} \\
 \phantom{0} \phantom{0} \phantom{0} 0
 \end{array}$$

9) Jack is 567 days old. What is his in weeks?

- (a) 46 weeks
- (b) 81 weeks
- (c) 18 weeks

10) A fruit seller buys 435 apples. He arranges them equally in 9 boxes. How many apples does he put in each box? How many apples are left over?

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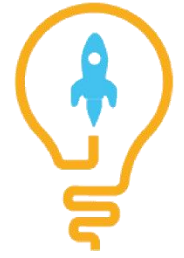
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"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

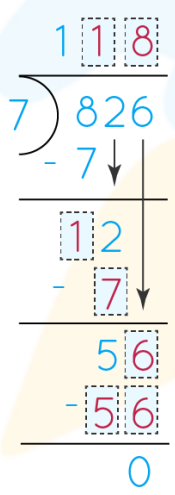
- Barbara Cabrera

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## ANSWERS

1)	True
2)	(c)
3)	69
4)	(a) Dividend = 436 (b) Divisor = 4 (c) Quotient = 109 (d) Remainder = 0
5)	Quotient = 75, Remainder = 6
6)	\$160
7)	$5 \times 74 + 2 = 372$
8)	
9)	(b)
10)	48, 3

## FUN FACT

1. Division is repeated subtraction, so we can check our quotient by repeated subtractions as well.
2. We can check the quotient and the remainder of division using the following formula:  $\text{Dividend} = (\text{Divisor} \times \text{Quotient}) + \text{Remainder}$
3. If the remainder is 0, then we can check our quotient by multiplying it with the divisor.

