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4th Grade Division Worksheet-1

1. Divide 40 by 2 and write the values of quotient and remainder in the space provided.

$$40 \div 2$$

Quotient

Remainder

2. Divide 34 by 15 and write the values of quotient and remainder.

$$34 \div 15$$

Quotient

Remainder

3. Fill the blanks with the correct option:

Quotient	Dividend	Divide	Divisor	Remainder	Multiplicand
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- a) The number which we are dividing or breaking into small and equal units is called _____.
- b) The number by which we divide another number is called _____.
- c) The result obtained by dividing one number from another is known as _____.
- d) The number that is left out after dividing one number from another is known as _____.

4. In a class, 30 students are supposed to be seated in rows such that there would be exactly 5 students in each row. How many rows have to be created?



5. Show the division: $3452 \div 4$

6. Match the following:

1	$68 \div 17$	a.	55
2	$56 \div 4$	b.	7
3	$105 \div 15$	c.	14
4	$110 \div 2$	d.	4

7. Complete the pattern:

- a) 1000, 500, 250, ____.
b) 2500, 500, 100, ____.

8. Fill color in the correct answer:

a) $630 \div 9$

75

70

700

80

60

b) $405 \div 5$

18

810

801

81

80

9. If a bell rings in every 5 minutes, how many times does it ring in 1 hour?

10. If 120 chocolates are supposed to be equally distributed among 25 children, how many chocolates will each child get? Also, write the number of chocolates left.

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ANSWERS

1. Quotient= 20, Remainder= 0	2. Quotient= 2, Remainder= 4	a) Dividend b) Divisor c) Quotient Remainder
4. 6 rows	5. 863	6. 1 - d 2 - c 3 - b 4 - a
7. a) 125 b) 20	8. a) 70 b) 81	9. 12 times
10. 4 chocolates, 20 chocolates will be left		



SOLUTIONS

Complete solution/explanation

1. Divide 40 by 2 and write the values of quotient and remainder in the space provided.

Solution:

$$40 \div 2$$

$$\text{Quotient} = 20, \text{Remainder} = 0$$

2. Divide 34 by 15 and write the values of quotient and remainder.

Solution:

$$34 \div 15$$

$$\text{Quotient} = 2, \text{Remainder} = 4$$

3. Fill the blanks with the correct option:

Solution:

A) The number which we are dividing or breaking into small and equal units is called Dividend.

B) The number by which we divide another number is called Divisor.

C) The result obtained by dividing one number from another is known as Quotient.

D) The number that is left out after dividing one number from another is known as Remainder.

4. In a class, 30 students are supposed to be seated in rows such that there would be exactly 5 students in each row. How many rows have to be created?

Solution:

$$\text{Total number of students} = 30$$

$$\text{Number of students in each row} = 5$$

$$\text{Therefore, number of rows to be created} = 30 \div 5 = 6.$$

5. Show the division: $3452 \div 4$

Solution:

$$3452 \div 4$$

$$\begin{array}{r} 0863 \\ 4 \overline{) 3452} \\ \underline{- 0} \\ 34 \\ \underline{- 32} \\ 25 \\ \underline{- 24} \\ 12 \\ \underline{- 12} \\ 0 \end{array}$$

Quotient = 863 and Remainder = 0.

6. Match the following:

Solution:

1) $68 \div 17 = 4$ - (d)

2) $56 \div 4 = 14$ - (c)

3) $105 \div 15 = 7$ - (b)

4) $110 \div 2 = 55$ - (a)

7. Complete the pattern

Solution:

A) In this pattern, every number is divided by 2 to get the next number. So, it will be completed as,

1000, 500, 250, 125

B) In this pattern, every number is divided by 5 to get the next number. So, it will be completed as,

2500, 500, 100, 20

8. Fill color in the correct answer:

Solution:

A) $630 \div 9 = 70$

B) $405 \div 5 = 81$

9. If a bell rings in every 5 minutes, how many times does it ring in 1 hour?

Solution:

In 1 hour, we have 60 minutes.

So, Number of times bell rings in 1 hour is $60 \div 5 = 12$ times.

10. If 120 chocolates are supposed to be equally distributed among 25 children, how many chocolates will each child get? Also, write the number of chocolates left.

Solution:

Total number of chocolates = 120

Number of children = 25

So, number of chocolates with one child = $120 \div 25$

$$\begin{array}{r} 004 \\ 25 \overline{) 120} \\ \underline{- 0} \\ 12 \\ \underline{- 0} \\ 120 \\ \underline{- 120} \\ 0 \end{array}$$

Therefore, each child will get 4 chocolates. And 20 chocolates will be left after this distribution.

FUN FACT

1. Dividing any number by 0 is undefined.
2. The oblique bar '/' used to denote division was introduced in 1845 by De Morgan, a British Mathematician.
3. A number that exactly divides a given number is a factor of that number.

