



## Long Division of Two Digit Numbers

**FREE Worksheet - 2**

**Time: 20 minutes**

(Detailed solutions at the end)

---

1. Alena stitched 164 handkerchiefs in 4 days. She stitched the same number of handkerchiefs each day. How many handkerchiefs did she stitch each day?

Answer: \_\_\_\_\_ handkerchiefs

2. Find the quotient.

$$63 \div 4 = \underline{\quad} R 3$$

- a. 17
  - b. 10
  - c. 12
  - d. 15
3. Mrs. Woods divided 579 cookies into tins of 9 cookies each for a party. How many tins did she get?

Answer: \_\_\_\_\_ tins



4. Divide and find the *remainder*

$$28 \div 3 = 9 \text{ R } \underline{\quad}$$

Answer:           

5. Mr. Murphy paid \$80 for 8 entrance tickets to an animal safari. What was the cost of each entrance ticket?

- a. \$ 18
- b. \$ 20
- c. \$ 10
- d. \$ 14

6. Fiona collected 3 times as many pencils as Adrienne. If Fiona collected 60 pencils, find the number of pencils collected by Adrienne.

- a. 17
- b. 16
- c. 20
- d. 14

7. Fill in the blank.

568 is an        number.

- a. EVEN
- b. ODD



8. Mrs. Baker bought 5 identical bicycles and paid a total of \$330. Find the cost of each bicycle.

- a. 56
- b. 66
- c. 76
- d. 71

9. When a number is divided by 5, the remainder is 2 and the quotient is 66. What is the number?

Answer: \_\_\_\_\_

10. The difference of 460 and 278 is divided by 8. Find the quotient.

Answer: \_\_\_\_\_



## SOLUTIONS

### Problem 1

handkerchiefs

4 units  $\longrightarrow$  164  
1 unit  $\longrightarrow$   $164 \div 4$

$$\begin{array}{r} 41 \\ 4 \overline{) 164} \\ \underline{- 16} \phantom{4} \\ 04 \\ \underline{- 04} \\ 0 \end{array}$$

$$164 \div 4 = 41$$

She stitched 41 handkerchiefs each day.



**Problem 2**

$$\begin{array}{r} 15 \\ 4 \overline{) 63} \\ \underline{-4} \phantom{0} \\ 23 \\ \underline{-20} \\ 3 \end{array}$$

$$63 \div 4 = 15 \text{ R } 3$$

The quotient is 15.



**Problem 3**

The diagram illustrates the division of 579 into groups of 9. A bracket above the number 579 spans the entire number. Below it, a horizontal bar is divided into sections: two purple boxes containing '9', a green box with five dots '.....', another purple box containing '9', and a light blue box containing 'left'. A bracket below the first two '9' boxes is labeled with a question mark '?'. Below the diagram is a long division problem:

$$\begin{array}{r} 64 \\ 9 \overline{) 579} \\ \underline{- 54} \phantom{0} \\ 39 \\ \underline{- 36} \\ 3 \end{array}$$

$$579 \div 9 = 64 \text{ R } 3$$

She got 64 tins.



**Problem 4**

$$\begin{array}{r} 9 \\ \hline 3 \overline{) 28} \\ \underline{- 27} \phantom{0} \\ 1 \phantom{0} \end{array}$$

$$28 \div 3 = 9 \text{ R } 1$$

The remainder is: 1



**Problem 5**

entrance tickets

8 units  $\longrightarrow$  80  
1 unit  $\longrightarrow$   $80 \div 8$

$$\begin{array}{r} 10 \\ 8 \overline{) 80} \\ \underline{-8} \phantom{0} \\ 00 \\ \underline{-00} \\ 0 \end{array}$$

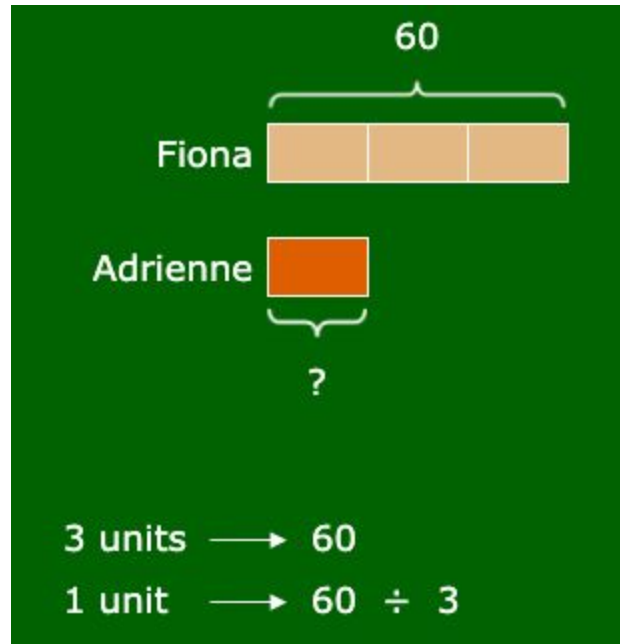
$$80 \div 8 = 10$$

The cost of each entrance ticket was \$10.





**Problem 6**



$$\begin{array}{r} 20 \\ 3 \overline{) 60} \\ \underline{- 6} \phantom{0} \\ 00 \\ \underline{- 0} \phantom{0} \\ 0 \end{array}$$

$$60 \div 3 = 20$$

Adrienne collected 20 pencils.



**Problem 7**

Even numbers are numbers in which the ones digit is 2, 4, 6, 8 or 0.

568 is an even number.

**Problem 8**

5 units  $\longrightarrow$  330  
1 unit  $\longrightarrow$   $330 \div 5$

$$\begin{array}{r} 66 \\ 5 \overline{) 330} \\ \underline{-30} \phantom{0} \\ 30 \\ \underline{-30} \\ 0 \end{array}$$

$$330 \div 5 = 66$$

The cost of each bicycle is \$66.

