



Long Division of Two Digit Numbers

FREE Worksheet - 1

Time: 20 minutes

(Detailed solutions at the end)

1. Alana ironed 360 shirts in 6 days. She ironed the same number of shirts each day. How many shirts did she iron each day?

- a. 64
- b. 60
- c. 46
- d. 42

2. Mrs. Peterson bought 6 identical bicycles and paid a total of \$486. Find the cost of each bicycle.

- a. 76
- b. 91
- c. 71
- d. 81

3. After packing 8 sweets equally into 3 bags, Mrs. Taylor had some sweets left. Find the number of sweets left.

Answer: _____ sweets



4. When a number is divided by 6, the remainder is 3 and the quotient is 49. What is the number?

- a. 287
- b. 307
- c. 296
- d. 297

5. Fill in the blank with odd or even.

498 is an ____ number.

Answer: _____

6. The difference of 613 and 164 is divided by 3. Find the quotient.

Answer: _____

7. Emanuel won \$126. He won 9 times as much money as Indira. How much money did Indira win?

- a. \$ 14
- b. \$ 15
- c. \$ 19
- d. \$ 20



8. Mrs. Adams packed 465 candies into bags of 6 candies each for her son's birthday party. How many bags did she get?

Answer: _____ bags

9. Find the quotient.

$$98 \div 5 = \underline{\quad} R 3$$

- a. 11
 - b. 13
 - c. 20
 - d. 19
10. Mr. Kumar paid \$56 for 4 coupon booklets at a carnival. What was the cost of each coupon booklet?

- a. \$ 11
- b. \$ 14
- c. \$ 20
- d. \$ 19



SOLUTIONS

Problem 1

shirts

360

?

6 units \longrightarrow 360

1 unit \longrightarrow $360 \div 6$

$$\begin{array}{r} 60 \\ 6 \overline{) 360} \\ \underline{-36} \\ 00 \\ \underline{-00} \\ 0 \end{array}$$

$$360 \div 6 = 60$$

She ironed 60 shirts each day.



Problem 3

sweets

8

?

left

$$\begin{array}{r} 2 \\ 3 \overline{) 08} \\ \underline{- 06} \\ 2 \end{array}$$

$$8 \div 3 = 2 \text{ R } 2$$

2 sweets were left.



Problem 4

Given,

$$? \div 6 = 49 \text{ R } 3$$

Therefore,

$$\begin{aligned} ? &= (49 \times 6) + 3 \\ &= 294 + 3 \\ &= 297 \end{aligned}$$

The number is: 297

Problem 5

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

498 is an even number.



Problem 6

$$613 - 164 = 449$$

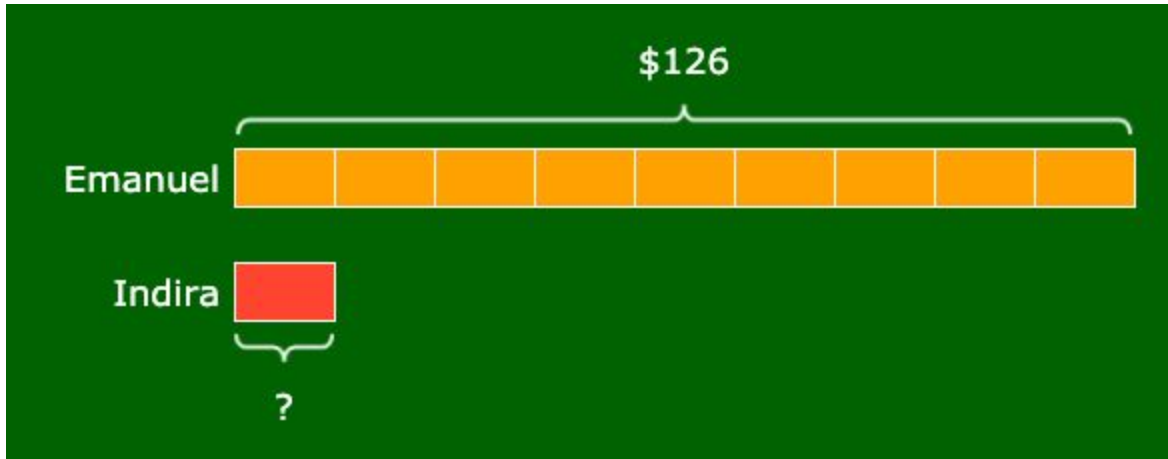
$$\begin{array}{r} 149 \\ 3 \overline{) 449} \\ \underline{- 3} \\ 14 \\ \underline{- 12} \\ 29 \\ \underline{- 27} \\ 2 \end{array}$$

$$449 \div 3 = 149 \text{ R } 2$$

The quotient is 149.



Problem 7



$$\begin{array}{l} 9 \text{ units} \longrightarrow \$126 \\ 1 \text{ unit} \longrightarrow \$126 \div 9 \\ \begin{array}{r} 14 \\ 9 \overline{) 126} \\ \underline{-09} \\ 36 \\ \underline{-36} \\ 0 \end{array} \end{array}$$

Indira won \$14.



Problem 9

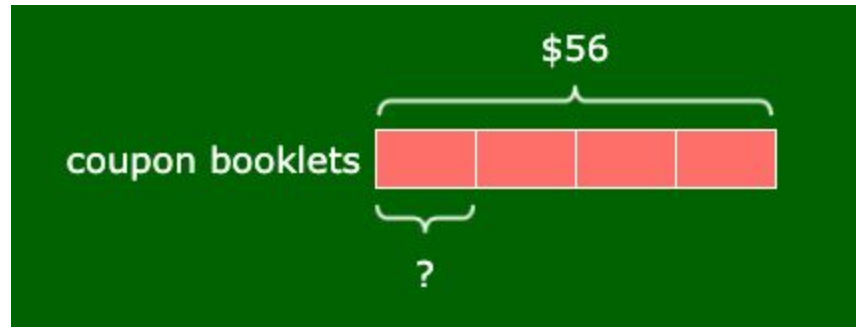
$$\begin{array}{r} 19 \\ \hline 5 \overline{) 98} \\ \underline{-5} \\ 48 \\ \underline{-45} \\ 3 \end{array}$$

$$98 \div 5 = 19 \text{ R } 3$$

The quotient is 19.



Problem 10



$$\begin{aligned} 4 \text{ units} &\longrightarrow 56 \\ 1 \text{ unit} &\longrightarrow 56 \div 4 \end{aligned}$$

$$\begin{array}{r} 14 \\ 4 \overline{) 56} \\ \underline{-4} \\ 16 \\ \underline{-16} \\ 0 \end{array}$$

$$56 \div 4 = 14$$

The cost of each coupon booklet was \$14.