



Long Division of Two Digit Numbers

FREE Worksheet - 3

Time: 20 minutes

(Detailed solutions at the end)

1. Cecilia corrected 325 exam papers in 5 days. She corrected the same number of exam papers each day. How many exam papers did she correct each day?

- a. 65
- b. 69
- c. 52
- d. 48

2. After packing 26 eggs equally into 6 bags, Mrs. Patil had some eggs left. Find the number of eggs left.

Answer: _____ eggs

3. Divide and find the quotient.

$$57 \div 5$$

- a. 17
- b. 15
- c. 19
- d. 11



4. Kelly collected 4 times as many rubber ducks as Elizabeth. If Kelly collected 56 rubber ducks, find the number of rubber ducks collected by Elizabeth.

Answer: _____ rubber ducks

5. Mrs. Peterson bought 4 identical phones and paid a total of \$372. Find the cost of each phone.

Answer: \$ _____

6. The sum of 118 and 258 is divided by 3. Find the remainder.

Answer: _____

7. Divide and find the quotient.

$$251 \div 4$$

- a. 69
- b. 52
- c. 62
- d. 45



8. When a number is divided by 5, the remainder is 4 and the quotient is 65. What is the number?

- a. 328
- b. 334
- c. 329
- d. 339

9. Harry received \$105. He received 7 times as much money as Alicia. How much money did Alicia receive?

Answer: \$ _____

10. The difference of 452 and 121 is divided by 8. Find the quotient.

- a. 51
- b. 41
- c. 31
- d. 36



SOLUTIONS

Problem 1

exam papers

325

?

5 units \longrightarrow 325
1 unit \longrightarrow $325 \div 5$

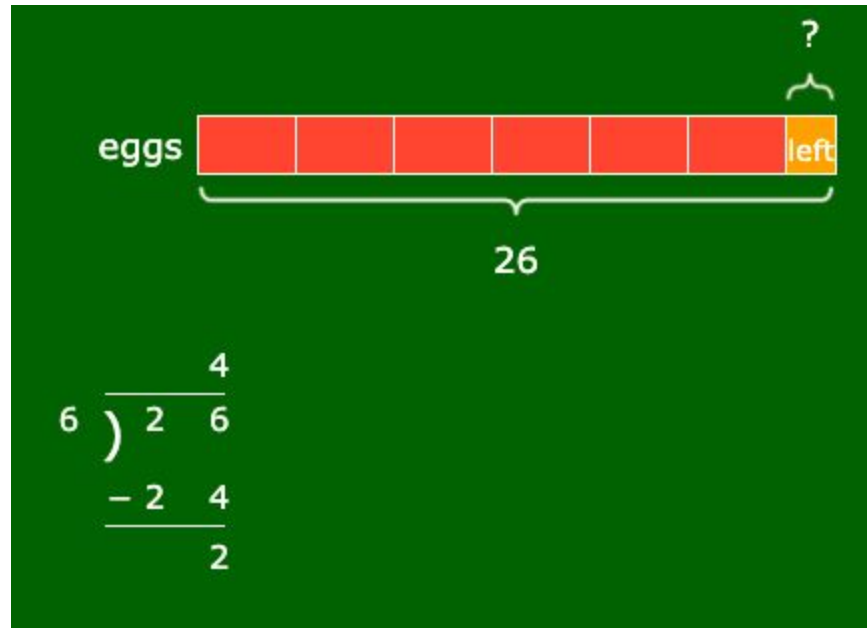
$$\begin{array}{r} 65 \\ 5 \overline{) 325} \\ \underline{- 30} \\ 25 \\ \underline{- 25} \\ 0 \end{array}$$

$$325 \div 5 = 65$$

She corrected 65 exam papers each day.



Problem 2



$$26 \div 6 = 4 \text{ R } 2$$

2 eggs were left.



Problem 3

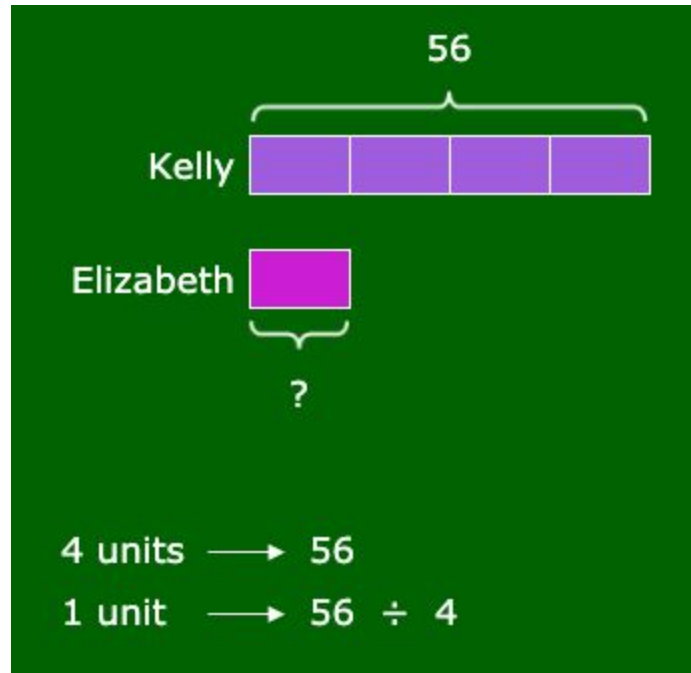
$$\begin{array}{r} 11 \\ 5 \overline{) 57} \\ \underline{-5} \\ 07 \\ \underline{-05} \\ 02 \end{array}$$

$$57 \div 5 = 11 \text{ R } 2$$

The quotient is 11.



Problem 4



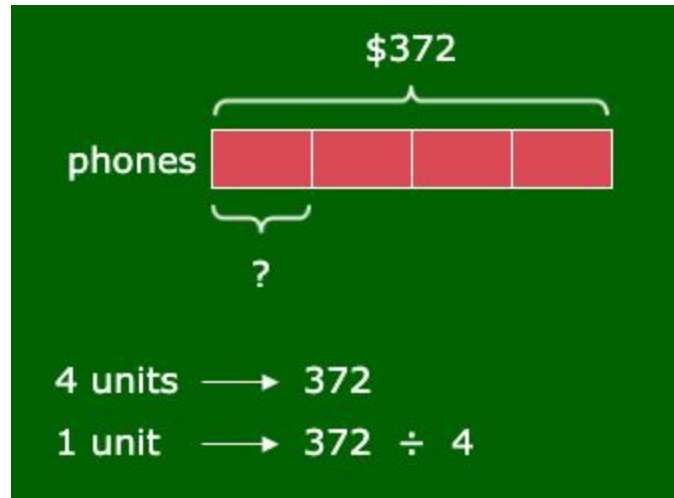
$$\begin{array}{r} 14 \\ 4 \overline{) 56} \\ \underline{- 4} \\ 16 \\ \underline{- 16} \\ 0 \end{array}$$

$$56 \div 4 = 14$$

Elizabeth collected 14 rubber ducks.



Problem 5



$$\begin{array}{r} 93 \\ 4 \overline{) 372} \\ \underline{- 36} \\ 12 \\ \underline{- 12} \\ 0 \end{array}$$

$$372 \div 4 = 93$$

The cost of each phone is \$93.



Problem 6

$$118 + 258 = 376$$

$$\begin{array}{r} 125 \\ 3 \overline{) 376} \\ \underline{- 3} \\ 07 \\ \underline{- 06} \\ 16 \\ \underline{- 15} \\ 1 \end{array}$$

$$118 \div 258 = 125 \text{ R } 1$$

The remainder is 1.



Problem 7

$$\begin{array}{r} 62 \\ 4 \overline{) 251} \\ \underline{- 24} \\ 11 \\ \underline{- 10} \\ 1 \end{array}$$

$$251 \div 4 = 62 \text{ R } 3$$

The quotient is 62.

Problem 8

Given,

$$? \div 5 = 65 \text{ R } 4$$

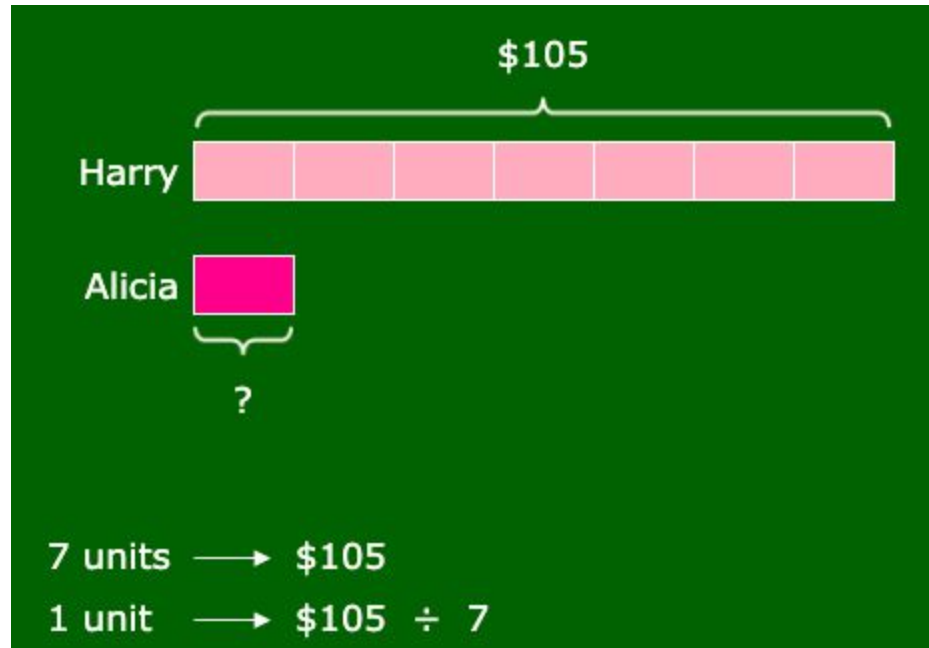
Therefore,

$$\begin{aligned} ? &= (65 \times 5) + 4 \\ &= 325 + 4 \\ &= 329 \end{aligned}$$

The number is: 329



Problem 9



$$\begin{array}{r} 15 \\ 7 \overline{) 105} \\ \underline{- 07} \\ 35 \\ \underline{- 35} \\ 0 \end{array}$$

Alicia received \$15.



Problem 10

$$452 - 121 = 331$$

$$\begin{array}{r} 41 \\ 8 \overline{) 331} \\ \underline{- 32} \\ 11 \\ \underline{- 8} \\ 3 \end{array}$$

$$331 \div 8 = 41 \text{ R } 3$$

The quotient is 41.