

# 4

## Division (II)



Date: \_\_\_\_\_

Mark: \_\_\_\_\_



Calculate the following.

1.

$$24 \overline{) 148}$$

2.

$$45 \overline{) 585}$$



### Reminder

The remainder must be smaller than the divisor in division.

Eg.

$$\begin{array}{r} 8 \leftarrow \text{Quotient} \\ \text{Divisor} \rightarrow 13 \overline{) 108} \\ \underline{104} \\ \text{Remainder} \rightarrow 4 \\ (4 \text{ is smaller than } 13.) \end{array}$$

3.  $195 \div 13 =$  \_\_\_\_\_

4.  $494 \div 26 =$  \_\_\_\_\_

5.  $128 \div 32 =$  \_\_\_\_\_

6.  $327 \div 14 =$  \_\_\_\_\_

7.  $586 \div 43 =$  \_\_\_\_\_

8.  $762 \div 28 =$  \_\_\_\_\_



Write expressions to solve the following problems.

9. Joe puts 375 coins into bags of 25 each. How many bags of coin does he get?



He gets: \_\_\_\_\_

10. Peter has \$546, which is 13 times of Mary's money. How much does Mary have?



Mary has: \_\_\_\_\_

11. Each troop should have 15 scouts. How many troops can be formed with 123 scouts? How many scouts are left?



\_\_\_\_\_ troop(s) can be formed. \_\_\_\_\_ scout(s) is/are left.

12. A box can hold at most 48 oranges. There are 673 oranges. How many boxes can be fully filled at most?



\_\_\_\_\_ box(es) can be fully filled at most.

13. Mr Cheung bought an annual pass of Ethnography Museum last year. He used 12 times during the year. How much was the admission fee for each visit on average?

- A. \$9                      ○ B. \$16  
○ C. \$25                      ○ D. \$84

Ethnography Museum	<b>Annual Pass</b>	
	● Adult	\$192
	● Child (at or under 12 years old)	\$108

14. How many '16's are there in 416?


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

15. There are 172 pages in a book. If John reads 24 pages every day, he needs at least \_\_\_\_\_ days to finish reading this book.

16. Macy spent 660 dollars for breakfast in April. She spent \_\_\_\_\_ dollars on average for breakfast every day in April.

17. There are 438 roses and 204 lilies. The florist packs every 12 lilies into a bunch. How many bunches of lilies can be packed in total? (Show your working)

(Working area for Question 17)

 **18.** After distributing 256 candies equally into 14 cans, John put the remaining candies into one of the cans. There are \_\_\_\_\_ candies in this can.

Advanced

**Brain Quest**



Detailed tip

Find the values of A, B, C and D so that the column form on the right is valid.

$$\begin{array}{r}
 \phantom{A} \phantom{B} \phantom{C} \phantom{D} \\
 A \phantom{B} \phantom{C} \phantom{D} \phantom{E} \phantom{F} \\
 \hline
 4 \phantom{2} \phantom{0} \\
 C \phantom{9} \phantom{D} \\
 \hline
 2 \phantom{8}
 \end{array}$$

Answer: A = \_\_\_\_\_ B = \_\_\_\_\_  
C = \_\_\_\_\_ D = \_\_\_\_\_