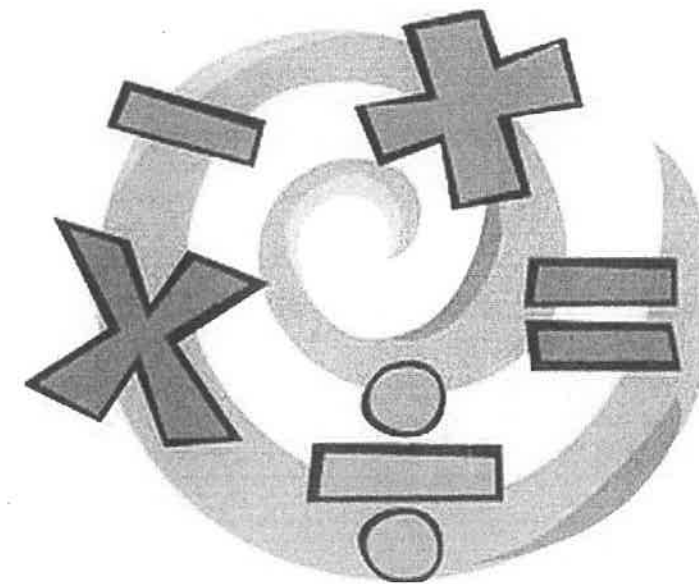




Mathematics Quality Assignment  
(Basic Multiplication 2N3 ✨)



Name: Ken (7) Class: 2J

(A) Calculate the following questions.

Learning focus: Understanding repeated addition (加) and concept (概念) of multiplication (乘).

Online self-learning



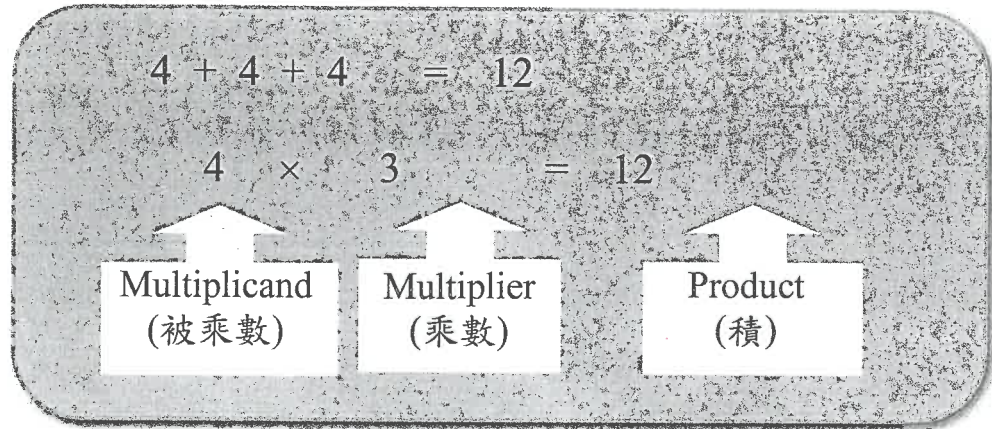
There are 3 dishes on a table, each dish has four pieces of cake. There are 12 pieces of cake in total (總共).



Shown as:



3 fours mean (意思是) adding up (連加) 4 by three times (3 次).



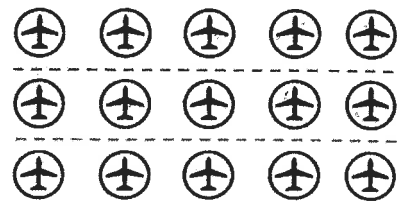
Write the answer in the  or \_\_\_\_\_.

1. Each row (行) has 5 chessmen (棋子), there are 3 rows.

Addition:  $5 + 5 + 5 =$

Multiplication:  $5 \times 3 =$

It means 3 fives.

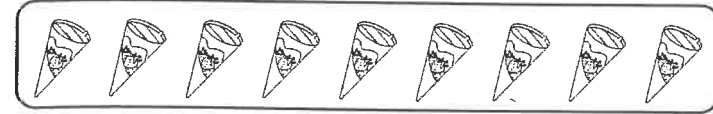
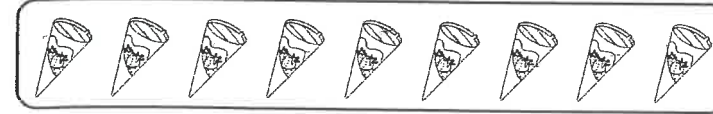


2. Addition:  $7 + 7 + 7 + 7 + 7 + 7 =$

Multiplication:  $7 \times$    $=$

It means 6 sevens.

3.

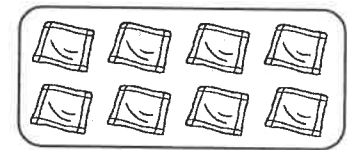
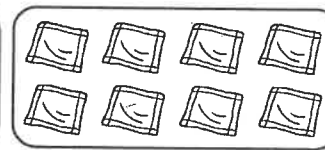
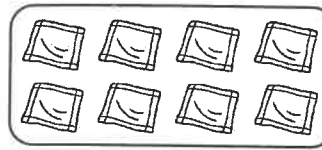


Addition:  $9 + 9 =$

Multiplication:  $9 \times 2 =$

It means 2 nines.

4.



Addition:  $8 + 8 + 8 =$

Multiplication:  $8 \times 3 =$

It means 3 eights.

Quiz

5.  $\star + \star + \star + \star + \star + \star = 36$ .

What is the value of  $\star$ ?

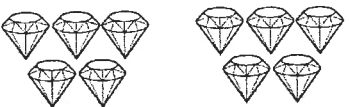
$\star =$

$\star \times ? = 36$

(B) Calculate the following questions.

Learning focus: Showing (展示) the number of objects (物件) by multiplication.


Write the answer in the .


6.   
 Each group has 5 pieces of diamond (寶石), there are 2 groups.

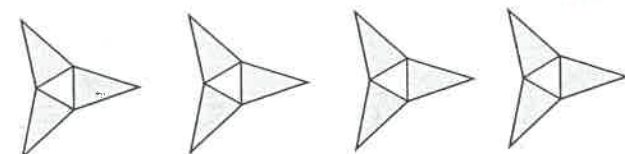
$5 \times 2 = \boxed{10}$ , there are  pieces of diamond.

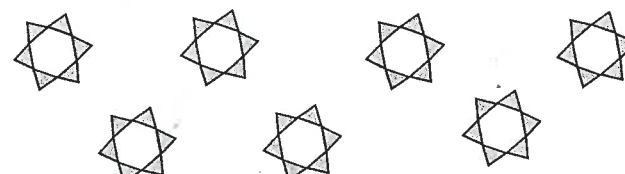
Numbers of piece in each group

No. of group

7.   
 $2 \times \boxed{6} = \boxed{12}$ , there are  pieces of diamond.

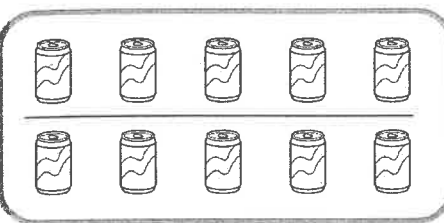
8.   
  $\times$   = , there are  pieces of diamond.

9.   
 $3 \times \boxed{4} = \boxed{12}$ , there are  coloured triangles (三角形).

10.   
 $6 \times 7 = 42$ , there are  coloured triangles.

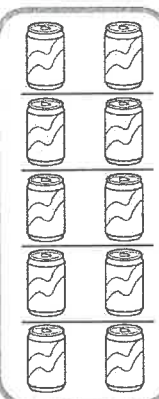
(C) Write the answer in  according to the pictures.

Learning focus: Knowing the product (積) remains (保持) the same when exchanging (互換) the two numbers (multiplicand (被乘數) and multiplier (乘數)).

11. (a) 

Each row has 5 cans (罐) of coke, there are  cans of coke in 2 rows.

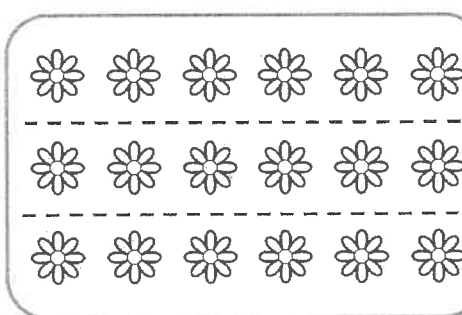
$5 \times 2 = \boxed{10}$

(b) 

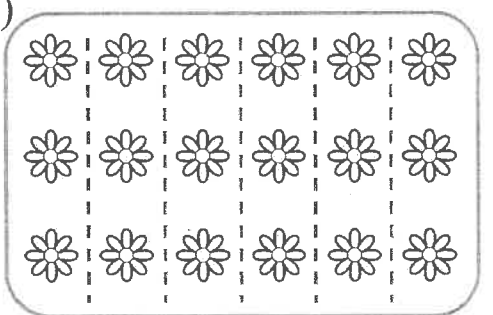
Each row has 2 cans of coke, there are  cans of coke in 5 rows.

$2 \times 5 = \boxed{10}$

(c) Both have the (same / different) number of cokes. (Circle the correct answer)

12. (a) 

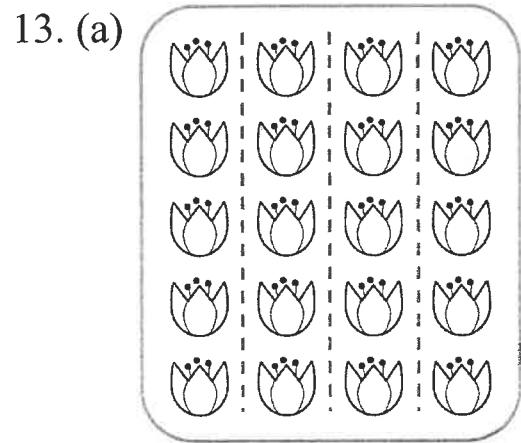
$6 \times \boxed{3} = \boxed{18}$   
 There are  flowers.

(b) 

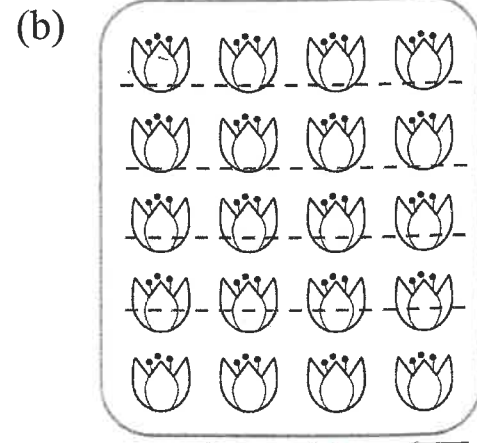
$3 \times \boxed{6} = \boxed{18}$   
 There are  flowers.

$6 \times \boxed{3} = 18 = 3 \times \boxed{6}$





$5 \times 4 = 20$   
There are 20 flowers.



$4 \times 5 = 20$   
There are 20 flowers.

$5 \times 4 = 20 = 4 \times 5$

From the results above, what do you find?



Based on your finding, finish the following questions.

14.  $9 \times 3 = 3 \times 9 = 27$

15.  $8 \times 10 = 10 \times 8 = 80$

16.  $9 \times 5 = 5 \times 9 = 45$

17.  $4 \times 6 = 6 \times 4 = 24$

Quiz

18. If 8 packs of snack cost the same price of 3 packs of fruit jelly, which (哪種) snack is it?

Answer: It is bubble gum

Happy Snack	
Bubble gum ...	\$3/pack
Marshmallow ...	\$9/pack
Fruit jelly ...	\$8/pack

(D) Solve word problems and show your working.

Learning focus: Solving problems by using multiplication.

19. Cherry saved \$10 everyday starting from Wednesday. She got enough money to buy an album (相簿) until Saturday. How much does an album cost?

$10 \times 4 = 40$   
 $\therefore$  An album costs \$40.

20. A packet of bread (一袋麵包) has 8 pieces and costs \$12. How many pieces of bread in 3 packets?

$8 \times 3 = 24$   
 $\therefore$  There are 24 pieces of bread in 3 packets.

21. Mrs. Lam bought 4 boxes of half a dozen of eggs (半打雞蛋). How many eggs did she buy?

$4 \times 6 = 24$   
 $\therefore$  She bought 24 eggs.

22. Distance (距離) between two trees is 9 meters. A dog runs back and forth (來回) between these two trees twice (兩次). How many meters does it run?

$9 \times 4 = 36$   
 $\therefore$  The dog runs 36 meters.

23. A ticket (門票) of an art museum (藝術館) for an adult (成人) is \$10, for a child (小童) is \$7. Peter, Ken and Mary bought child tickets, how much did they pay?

$$7 \times 3 \checkmark$$

$$= 21 \checkmark$$

They paid \$21.  
~~did they~~ <sup>paid</sup> \$21.

24. There are 100 pieces of prism (柱體) in each box of blocks (積木). How many pieces of pyramid (錐體) are there in 5 boxes of blocks?

$$0 \times 5 \checkmark$$

$$= 0 \checkmark$$

$\therefore$  There are 0 pieces of pyramid in 5 boxes.

(E) Challenging Question.

25. Design a word problem of multiplication and show your working.

Question

Mrs. Lam bought 3 boxes of half a dozen of eggs. How many eggs did she buy?

Show your working

$$3 \times 6 \checkmark$$

$$= 18 \checkmark$$

$\therefore$  She bought 18 eggs.

Marks: 25/25

11.21

Excellent!!!

~3

Summary:

- Multiplicand  $\times$  Multiplicand Product
- Multiplicand is a number to be added up.
- The product remains the same when exchanging the numbers (multiplicand and multiplier).
- When solving word problems, multiplicand and multiplier need to be recognized correctly (正確辨認).

Assessments:

Self-assessment:

After studying this chapter,

- I can identify multiplicand, multiplier and product.
- I can understand the exchanging property of multiplication.
- I can solve word problems related to multiplication.
- I calculate carefully. (Work)
- I learned with effort. (Attitude)
- I checked the steps carefully. (Ability)

I have learnt that,

life problem using multiplication (solving real)

Peer assessment:

- should be more careful when doing maths

Parents' Feedback:

- Able to work independently (能獨立完成課業)
- Finish assignments only with guidance (須指導才能完成課業)
- Neat writings (字體端正)
- Sloppy writings (字體草率)
- Tidy assignment (課業整潔)
- Pay attention to tidiness (要注意整潔)
- Complete assignment seriously (認真完成課業)
- More effort required (仍須努力)

Other comments (其他意見):

Teacher's Feedback:

- Able to master the learning objectives of the unit
- Unable to master some learning objectives of the unit
- Identify angles correctly
- Failed to identify angles
- Neat writings
- Sloppy writings
- Tidy assignment
- Pay attention to tidiness
- Completed assignment according to instructions
- Be more careful in reading the question

- Excellent
- Good
- Satisfactory
- Improvement needed

Other comments: Good Job! keep on moving!!!

The End