

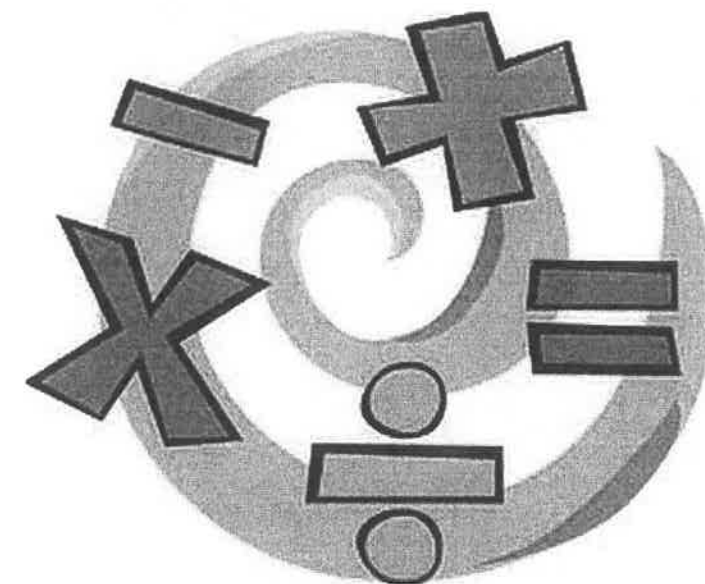
Confucian Tai Shing Primary School

2021-2022 1<sup>st</sup> Term



# Mathematics Quality Assignment

(Multiplication 3N3☀)



Name: CHOW ZHNEGLE ( 3 ) Class: 3J

(A) Calculate the following questions.

Learning focus: Revise (溫習) one digit number (一位數) multiplying (乘) one digit number.



1.  $2 \times 3 = 6$  ✓  
 2.  $6 \times 8 = 48$  ✓  
 3.  $4 \times 0 = 0$  ✓  
 4.  $7 \times 4 = 28$  ✓  
 5.  $5 \times 7 = 35$  ✓  
 6.  $8 \times 9 = 72$  ✓

(Multiplicand: 被乘數, Multiplier: 乘數, Product: 積)

(B) Calculate the following questions.

Learning focus: Learn one digit number multiplying two-digit number (兩位數) in column form (直式).

Align the place values

7. 
$$\begin{array}{r} \text{T U} \\ 1 \ 4 \\ \times \quad 2 \\ \hline 2 \ 8 \end{array}$$
   
 Multiplicand: 14, Multiplier: 2, Product: 28 ✓

8. 
$$\begin{array}{r} \text{T U} \\ 3 \ 2 \\ \times \quad 3 \\ \hline 9 \ 6 \end{array}$$
 ✓

9. 
$$\begin{array}{r} \text{T U} \\ 3 \ 4 \\ \times \quad 2 \\ \hline 8 \end{array}$$
   
 1. Multiply unit digit first (個位) ✓

$$\begin{array}{r} \text{T U} \\ 3 \ 4 \\ \times \quad 2 \\ \hline 6 \ 8 \end{array}$$
   
 2. Then multiply tens digit (十位) ✓

10. 
$$\begin{array}{r} \text{T U} \\ 2 \ 5 \\ \times \quad 3 \\ \hline 1 \ 5 \end{array}$$
   
 Unit digit reaches ten and carries (進) to tens digit ✓

1. Multiply unit digit first. ✓

2. Then multiply tens digit ✓

$$\begin{array}{r} \text{T U} \\ 2 \ 5 \\ \times \quad 3 \\ \hline 1 \ 5 \end{array}$$
   
 Pay attention to carryings (進位) ✓

11. 
$$\begin{array}{r} \text{H T U} \\ 4 \ 2 \\ \times \quad 4 \\ \hline 1 \ 6 \ 8 \end{array}$$
   
 Tens digit reaches hundred and carries to hundreds digit ✓

12. 
$$\begin{array}{r} \text{H T U} \\ 6 \ 1 \\ \times \quad 5 \\ \hline 3 \ 0 \ 5 \end{array}$$
 ✓

13. 
$$\begin{array}{r} \text{H T U} \\ 5 \ 6 \\ \times \quad 3 \\ \hline 1 \ 6 \ 8 \end{array}$$
   
 Pay attention to carryings ✓

14. 
$$\begin{array}{r} \text{H T U} \\ 3 \ 8 \\ \times \quad 2 \\ \hline 2 \ 2 \ 6 \end{array}$$
 ✓

(C) Calculate the following questions.

Learning focus: Learn one digit number multiplying three-digit number (三位數) in column form.

15. H T U

$$\begin{array}{r} 143 \\ \times 2 \\ \hline \end{array}$$

1. Multiply unit digit first  
2. Then multiply tens digit  
3. Multiply hundreds digit at last

$$\begin{array}{r} \boxed{2} \ \boxed{8} \ \boxed{6} \\ \hline \end{array}$$

16. Th H T U

$$\begin{array}{r} 322 \\ \times 4 \\ \hline \end{array}$$

Pay attention to carryings.

$$\begin{array}{r} \boxed{1} \ \boxed{2} \ \boxed{8} \ \boxed{8} \\ \hline \end{array}$$

17. 2 8 1

$$\begin{array}{r} 281 \\ \times 7 \\ \hline \end{array}$$

18. 6 4 8

$$\begin{array}{r} 648 \\ \times 9 \\ \hline \end{array}$$

(5 | 8 | 3 | 2) See

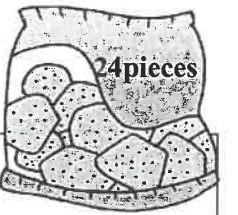
19. Quiz:

5◇☆ × 2, the product must be a 4-digit number.

(D) Solve the following problems and show your working.

Learning focus: Solve multiplication word problems (應用題).

20. Mum bought (買) 7 packets (包) of cookies. How many pieces (件) of cookies are there?



$$\begin{array}{r} 24 \times 7 \\ = 168 \end{array}$$

∴ There are 168 pieces of cookies.

21. Wendy and two friends bought a birthday cake together. Each person paid 79 dollars. How much was the cake?

$$\begin{array}{r} 79 \times 3 \\ = 237 \end{array}$$

∴ The cake was 237 dollars.

22. Dad bought 4 pairs of scissors. How much should he pay?

100 cents = 1 dollar



13 dollars 80 cents



8 dollars 50 cents

$$\begin{array}{r} 13 \text{ dollars } 80 \text{ cents} \times 4 \\ = 55 \text{ dollars } 20 \text{ cents} \end{array}$$

∴ He should pay 55 dollars 20 cents.

	\$	¢
	13	80
×		4
	55	20

Pay attention to the unit

23. The price of each box of color pen is 31 dollars. Mr. Cheung bought 6 boxes. How much should he pay?

$$\begin{array}{r} 31 \times 6 \\ = 186 \end{array}$$

$$\begin{array}{r} 31 \\ \times 6 \\ \hline 186 \end{array}$$

∴ he should pay 186 dollars.

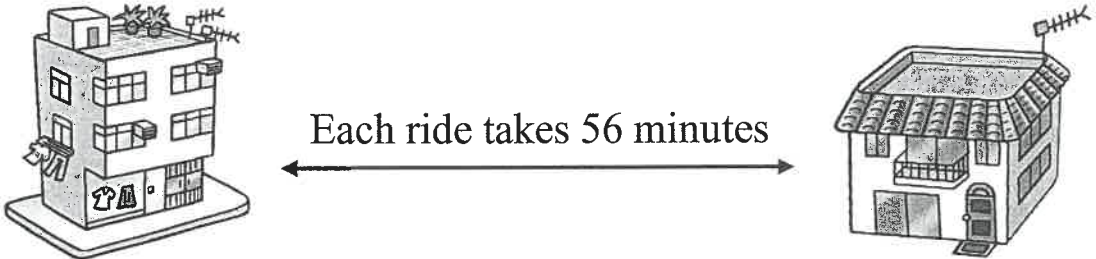
24. The rent (租金) of a hotel room is 435 dollars per day. A customer rented a week. How much should he pay?

$$435 \times 7 = 3045$$

$$\begin{array}{r} 435 \\ \times 7 \\ \hline 3045 \end{array}$$

∴ he should pay 3045 dollars.

(E) Quiz

25.  Tom's home Grandma's home

Tom goes to grandma's home by train back and forth (往返) for 3 times every months (每月 3 次). How many minutes does he spend each month?

$$56 \times 2 \times 3 = 336$$

$$\begin{array}{r} 56 \\ \times 2 \\ \hline 112 \\ \times 3 \\ \hline 336 \end{array}$$

∴ he ~~each month~~ spends 336 minutes. *each month*

(spends) Page 5

(F) Challenging question

26. Create a multiplication word problem in the following space and show your working.

*Mum*  
Each story book costs \$40. ~~Mum~~ buys ~~10~~ books. How much does she need to pay in total?

$$40 \times 8 = 320$$

∴ She total pay 320 dollars

(∴ She pays 320 dollars in total.)

Score: 23 / 26

18.10.21

Summary:

1. Multiplicand  $\times$  Multiplicand = Product

2. When drafting a column form,

- (a) (Align) the value positions.
- (b) multiply units digit first, then multiply tens digit, multiply hundreds digit at last.
- (c) pay attention to carrying.

3. When calculating questions include dollars and cents, pay attention to the analyse. (unit)

Assessments:

Self-assessment:

After studying this chapter,

- I can identify multiplicand, multiplier and product.
- I can utilize column form to calculate multiplicands and align the digits.
- I can pay attention to the carrying.
- I can memorize the multiplication table.
- I calculate carefully. (Work)
- I learned with effort. (Attitude)
- I checked the steps carefully. (Ability)

I have learnt that Pay attention Tidy assignment  
( I have learnt that pay attention to the unit

Peer assessment: He calculates very carefully

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 multiplication correctly
- Failed to identify multiplication
- 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: Pay attention to carryings and check at least one time after calculation.

The End