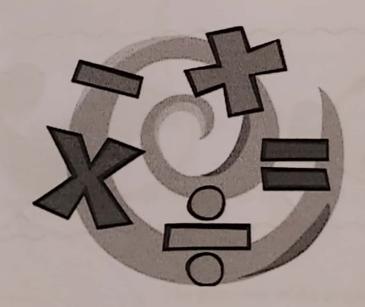
Confucian Tai Shing Primary School 2021-2022 2nd Term





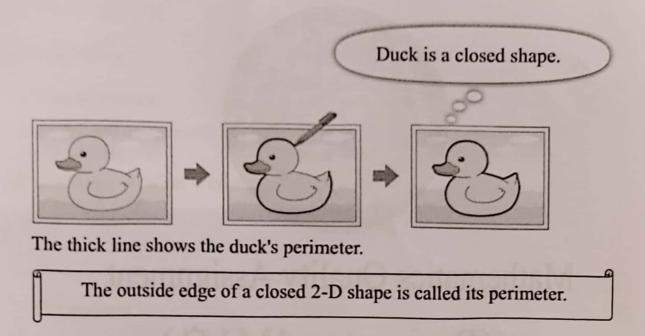
Mathematics Quality Assignment (Perimeter 4M1♥)



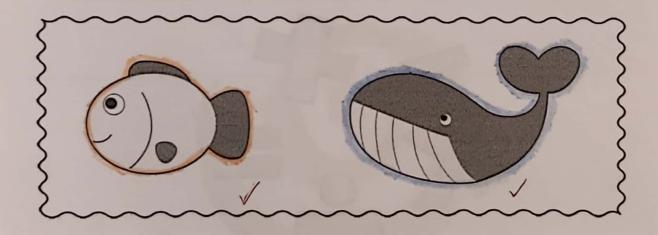
Name: Winnie (6) Class: 4Joy

(A) Drawing out the perimeter

Learning Objective: Knowing Perimeter 周界



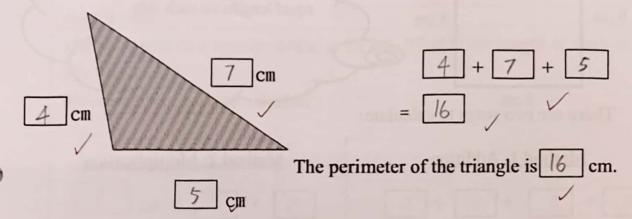
1. Use a color pencil to draw and show the perimeters of those shapes.



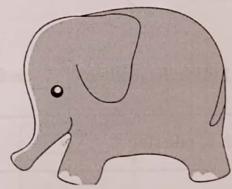
(B) Measure the perimeter of the following shapes.

Learning Objective: Find the perimeter of a shape.

Use a ruler to measure the lengths of the sides of the triangle below and calculate its perimeter.



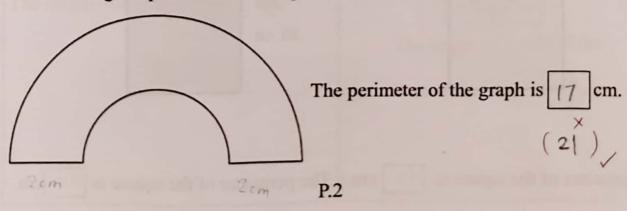
3. Measuring the perimeter of a shape below with a string and a ruler.



0

The perimeter of the elephant drawing is 24 cm.

4. Measuring the perimeter of a shape below with a string and a ruler.



(C) Fill in the blanks.

Learning Objective: Calculate the perimeter and the length of a side of a square.

S cm

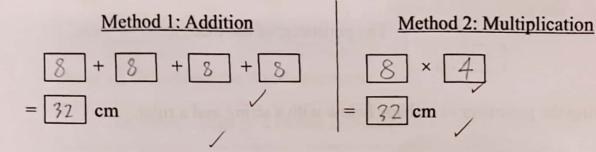
8 cm

8 cm

8 cm

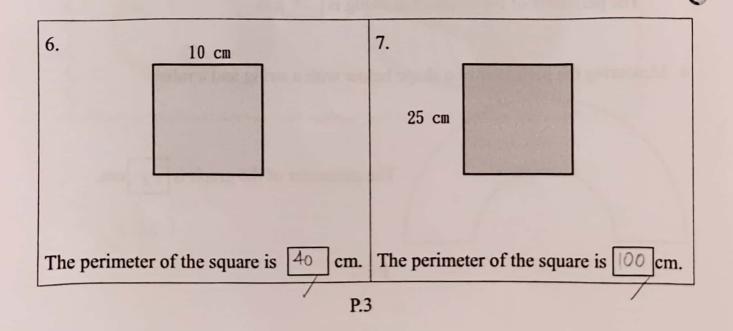
8 cm

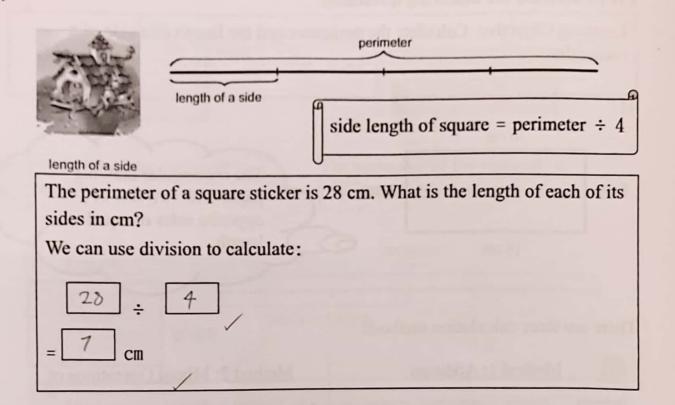
There are two ways to calculate:



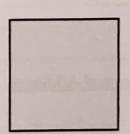
Think about it: Which method is faster? I think the method 2 is faster.

Perimeter of a square = Length of one side × _____/





9. The perimeter of the square is 80 cm.



The length of a side is 20 cm.

10. The perimeter of the small square tiles is 28 cm, and four small tiles are used to form a large square pattern.

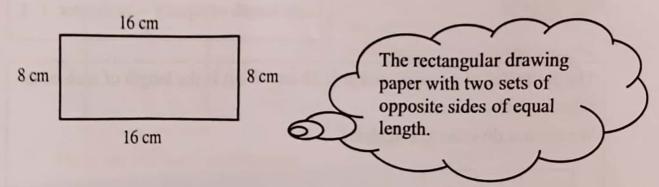


The length of a side of the large square is 14 cm.

(D) Calculate the following questions.

Learning Objective: Calculate the perimeter and the length of a side of a rectangle.

11.



There are three calculation methods:

Method 1: Addition

Method 2: Mixed Operations of

0

Multiplication and Addition

Method 3: Mixed Operations of Multiplication and Addition

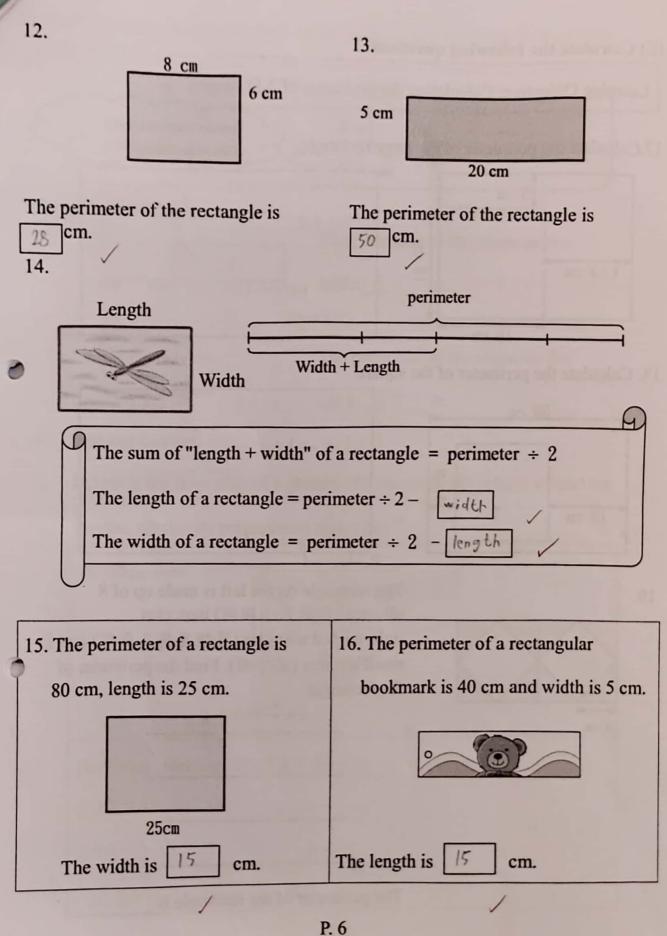
$$(\boxed{16} + \boxed{8}) \times \boxed{2}$$

$$= \boxed{24} \times \boxed{2}$$

$$= \boxed{48} \text{ cm}$$

Think about it: Which method is faster? I think method 3 is faster.

Perimeter of rectangle =
$$(\underline{Length} + \underline{Width}) \times \underline{2}$$

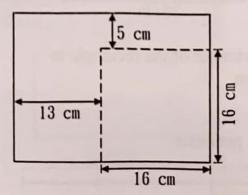


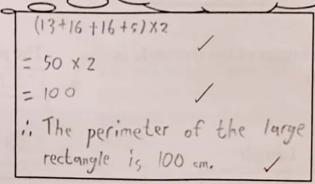
(E) Calculate the following questions.

Learning Objective: Calculating the perimeter of 2-D shapes.

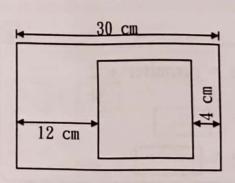
17.Calculate the perimeter of the large rectangle.

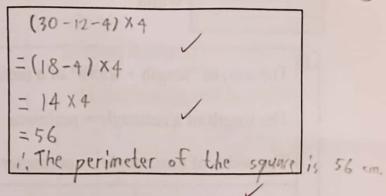
Find the length and width of the large rectangle first,





18. Calculate the perimeter of the square.

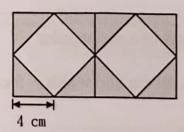




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19.

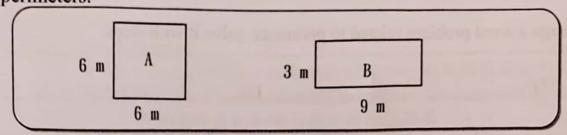


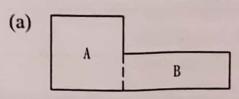
The rectangle on the left is made up of 8 identical(形狀大小相同) isosceles right-angled triangles (等腰直角三角形) and 2 small squares (正方形). Find the perimeter of the rectangle.

$$\frac{(4 \times 4 + 4 \times 2) \times 2}{= (16 + 8) \times 2}$$
= 24 × 2

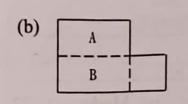
The perimeter of the rectangle is 48

20. The following shapes are made up of square A and rectangle B. Find their perimeters.





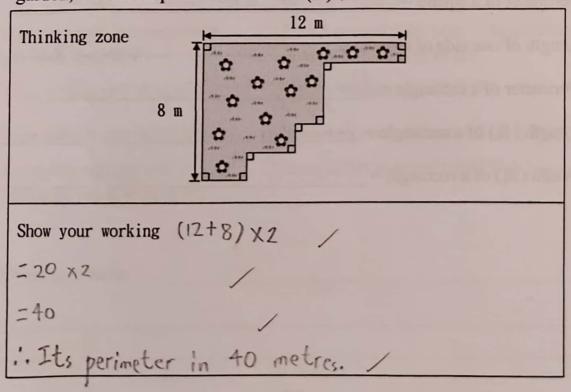
The perimeter of the shape on the left is 42 m.



The perimeter of the shape on the left is 24 m.

(F) Thinking Corner.

21. Below is the floor plan of a garden, if a fence (圍欄) is built around the garden, what is its perimeter in metre (m)?



(G) Challenge Question.

22. Design a word problem related to perimeter, solve it with steps.

The length of a rectangle table is 104 cm. If its perimeter is

336 cm, what is its width in cm.

336-2-104

= 168-104

= 64

: Its width is 64 cm. / Marks: 21/22

Summary:

- 1. Perimeter of a square = Length of one side x 4
- 2. Length of one side of a square = Perimeter of a square ÷ 4
- 3. Perimeter of a rectangle = (Length + Width) × 2
- 4. Length (長) of a rectangle = Perimeter of a rectangle ÷ 2 Width 1
- 5. Width (陽) of a rectangle = Perimeter of a rectangle ÷ 2 -length

	Assessments:
Self-assessment:	
After studying this chapter	
	y the perimeter of shapes 我能辨認圖形的周界
□ I can use a r	uler and string to measure the perimeter of shap
我能運用直	尺和繩子量度圖形的周界
☐ I can use pro	pper formulas to calculate perimeters. 我能利用
型面的公式	進行計算
☐ I pay attention	on to the units.我有注意單位
Il calculate ca	arefully (Work)
I learned with	h offert (Auit 1)
how to use	teps carefully (Ability)
I have learnt that proper formula	s to calculate perimeters
	/
Peer assessment: Next with	
Peer assessment: Neot writing	
Peer assessment : Next with	ng /
Peer assessment: Neot writing	ng /
Peer assessment: Next writing Parents' Feedback: Able to work independently	☐ Finish assignments only with guidance
Peer assessment:	□ Finish assignments only with guidance (須指導才能完成課業) □ Sloppy writings (字體草率)
Peer assessment:	□ Finish assignments only with guidance (須指導才能完成課業) □ Sloppy writings (字體草率) □ Pay attention to tidiness(要注意整潔)
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Teacher's Feedback:		
	☐ Able to master the learning objectives of the unit ☐ Unable to master some learning objectives of the unit	
	☐ Identify correctly ☐ Failed to Identify	
	□ Neat writings □ Sloppy writings	
	☐ Tidy assignment ☐ Pay attention to tidiness	
	□ Completed assignment according t □ Be more careful in reading the instructions question □ Challenge question is creative □ Challenge question can be more challenging 自擬題可再向難度挑戰	
	☑ Excellent □ Good	
	☐ Satisfactory ☐ Improvement needed	
	Other comments: You understand how to calculate perimeters.	
	of squares rectangles & 2-0 shapes!	

The End