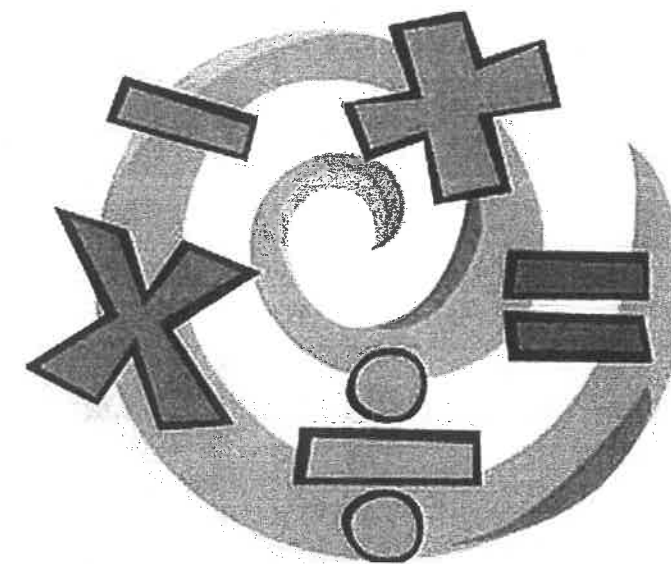


Confucian Tai Shing Primary School  
2021-2022 1<sup>st</sup> Term



Mathematics Quality Assignment  
(Angles and Perpendicular Lines 2S2✪)



Name: Marcus (5) Class: 2J

(A) Use  $\sphericalangle$  to mark (標示) all angles (角) in the following figures.

Learning focus: Knowing (認識) angles.

Online self-study materials:  
(Educational Television of the Education Bureau)



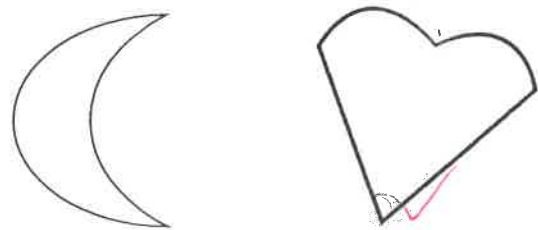
When two straight lines (直線) meet (相交), an angle is formed (形成). We use  $\sphericalangle$  to show an angle.

A curve (曲線) and a straight line do not form an angle, and neither do two curves.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

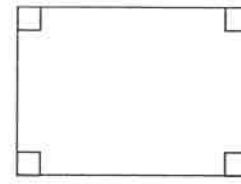
**Challenge**

7. Use  $\sphericalangle$  to mark all angles in the following figures.



(B) Use  $\perp$  to mark all right angles (直角) in the following figures.

Learning focus: Knowing and recognizing (辨認) right angles.



We use  $\perp$  to show a right angle.

- 8.
- 9.
- 10.
- 11.

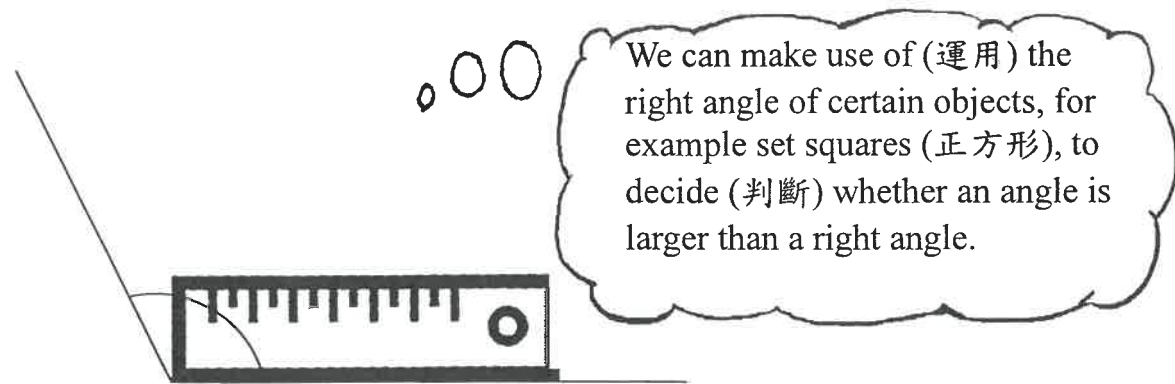
12. Use  $\perp$  to mark all right angles in the following letters (字母).



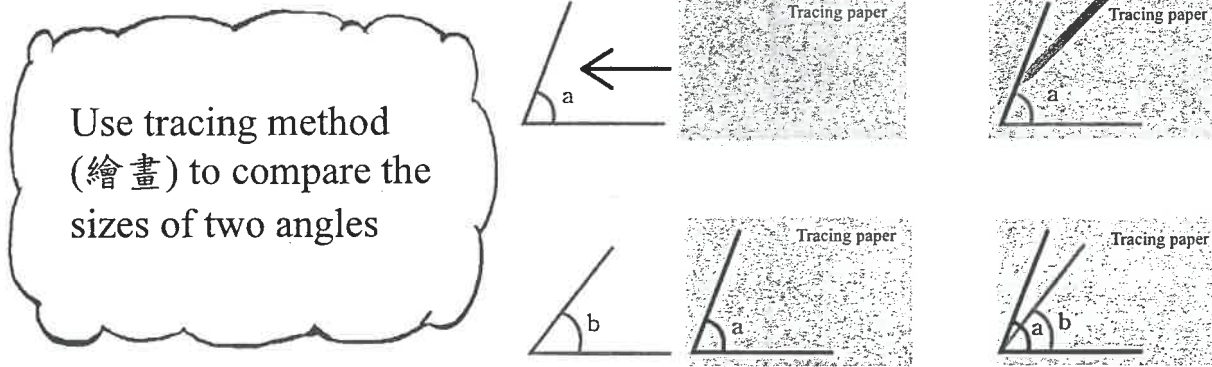
(C) Answer the following questions.

Learning focus: Comparing (比較) angles.

Method 1 (方法 1):



Method 2:



Angle a is larger than Angle b.

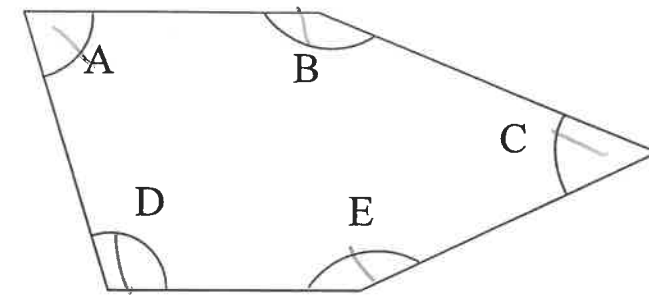
13. Write the letters (英文字母).



(a) Obtuse angle (鈍角): c ✓

(b) Acute angle (銳角): db ✓

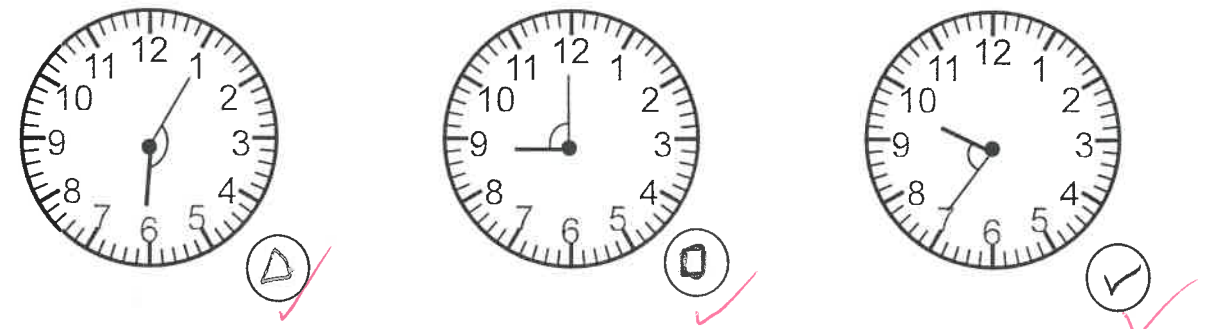
14. Compare the angles, and write the letters.



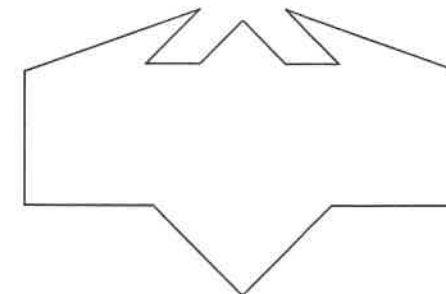
(a) Obtuse angle: E, B, D ✓

(b) Acute angle: A, C ✓

15. The hour and minute hands (時針及分針) on the following clock form different angles. Smaller than a right angle, put ✓ in ○. Larger than a right angle, put △ in ○. Right angle, put □ in ○.



16. Count (數) the angles of the following figure.

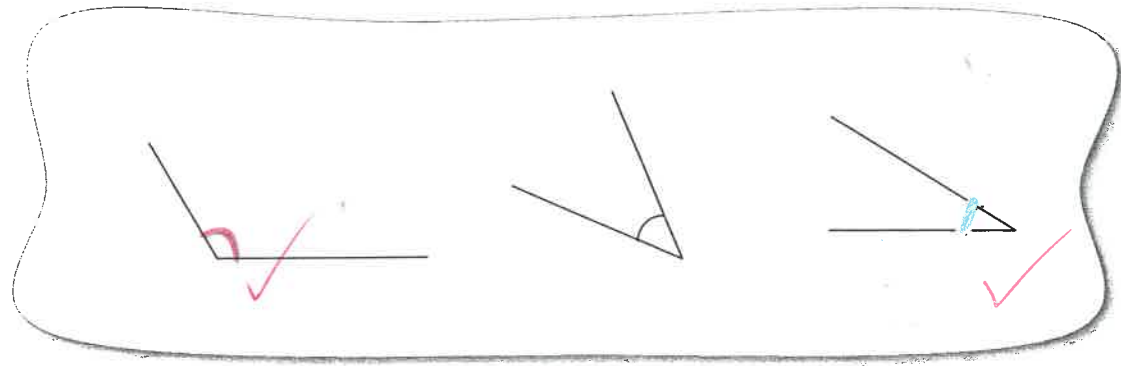


(a) There are 4 ✓ right angles.

(b) There are 2 ✓ acute angles.

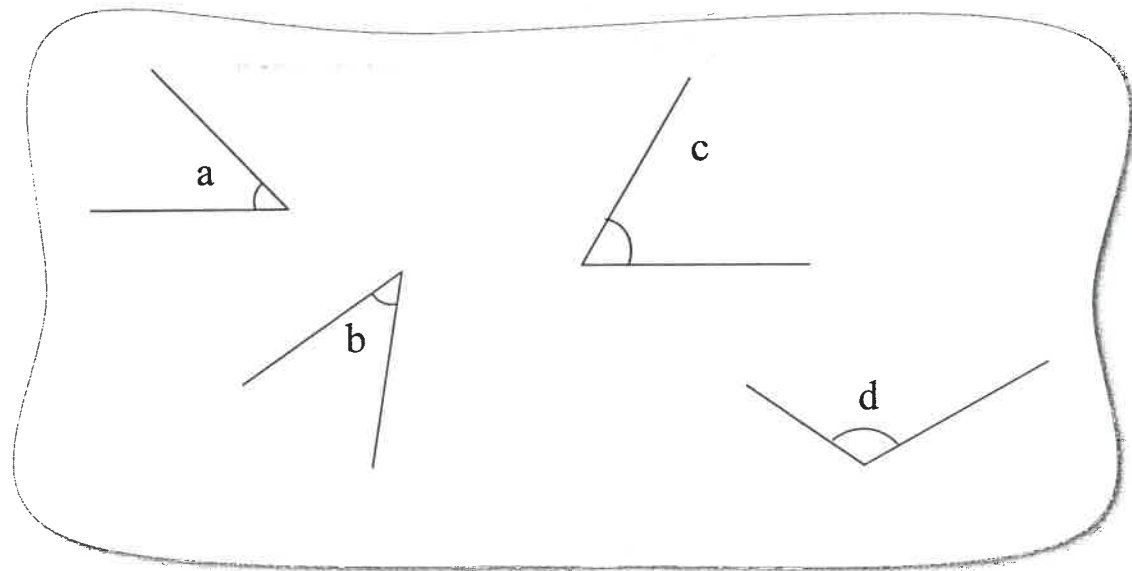
17. Colour the largest (最大) angle in red, the smallest angle in blue.

Write the letters



18. Compare the four angles and answer the questions below.

Write the letters



(a) Angle d is the largest.

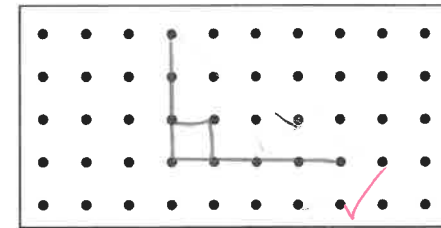
(b) Angle a and Angle b are the same (相同).

(D) Draw the required (所要求的) angles.

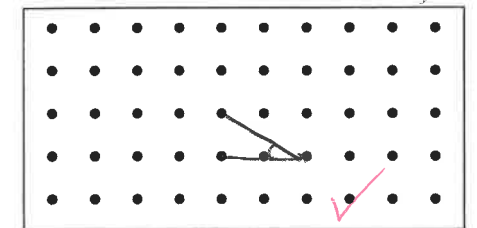
Learning focus: Use the straight lines to draw angles.

19. Draw the required angles.

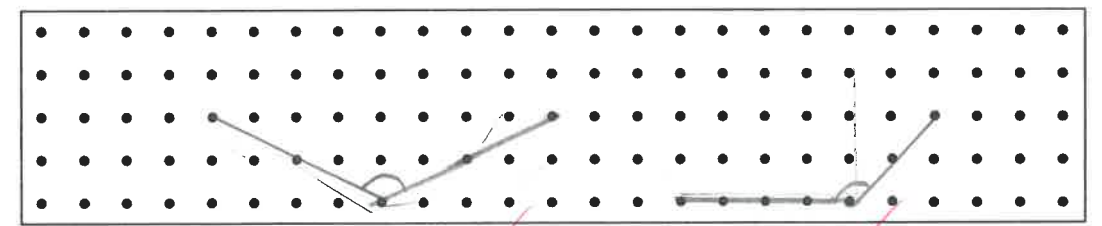
(a) Right angle



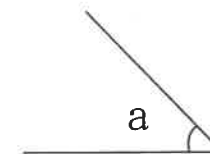
(b) Acute angle



(c) Two different obtuse angles

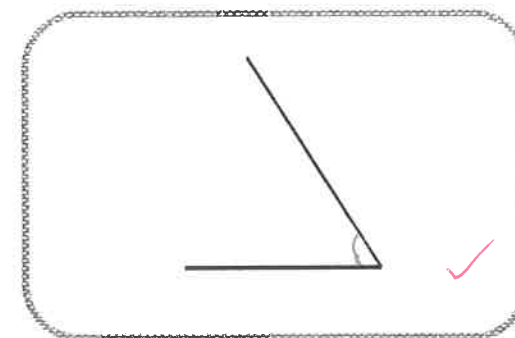


20. Draw the required angle.



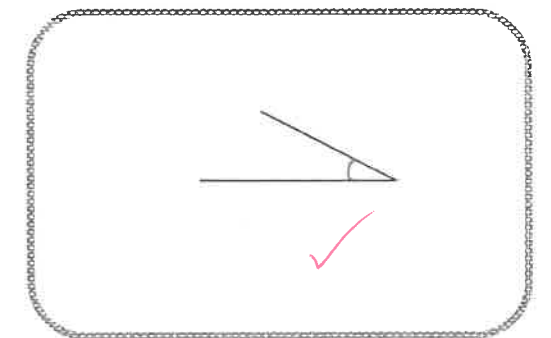
(a) An angle larger than

Angle a



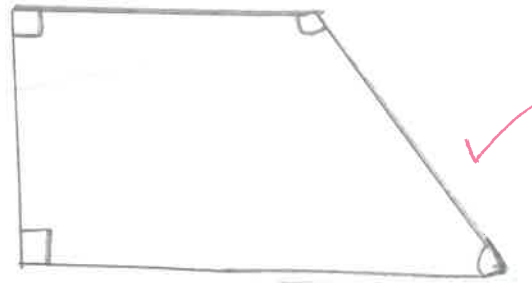
(b) An angle smaller than

Angle a



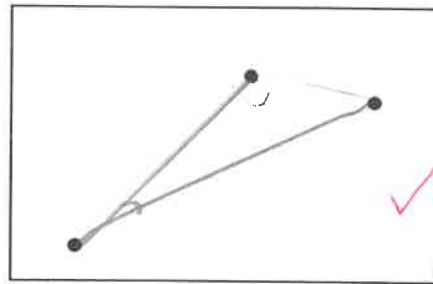
Challenge

21. Draw a quadrilateral (四邊形). In this quadrilateral, there are right angle(s), acute angle(s) and obtuse angle(s).

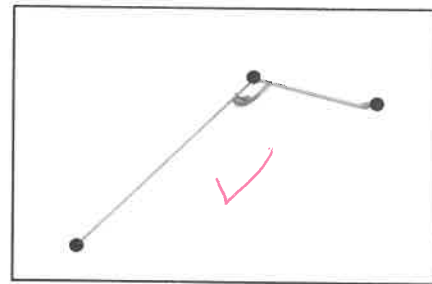


22. Link (連接) the points (點) indicated (標示) by the two straight lines form (形成) an angle, and use  $\sphericalangle$  to show the angle.

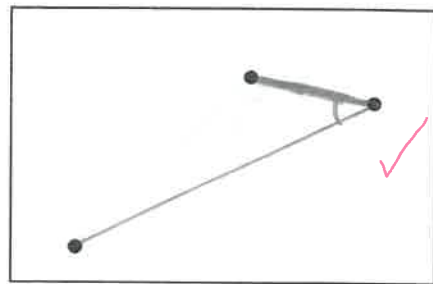
Acute angle



Obtuse angle



Acute angle



Marks: 22/22

Summary:

angle	curve	ruler	ruler	size
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1. When two straight lines meet, an angle is formed.
2. A curve and a straight line do not form an angle.
3. We can make use of ruler to decide whether an angle is a right angle.
4. We can make use of ruler to compare size of different angles.
5. When drawing the angles, we can make use of ruler.

Assessments:

Self-assessment:

After studying this chapter,

- I can identify angles.
- I can utilize a curve and a straight line do not form an angle.
- I can make use of ruler to decide whether an angle is a right angle.
- I can make use of ruler to draw an angle.
- I draw carefully. (Work)
- I learned with effort. (Attitude)
- I checked the steps carefully. (Ability)

I have learnt that how to draw a right angle. (angle ✓)

Peer assessment: His handwriting is a little bit small ✓

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: Erase unwanted answers thoroughly!

The End