


**Exercise 1**

Calculate the unknown angles. Show your calculations as we did in class (**hint** : use algebra) :

- ▶1.  .....
- ▶2.  .....
- ▶3.  .....
- ▶4.  .....
- ▶5.  .....

**Exercise 2**

Explain why this diagram is incorrect :

- ▶1.  .....

**Exercise 3**

Give the names of the following triangles, as well as the properties. :

- ▶1.  .....
- ▶2.  .....
- ▶3.  .....
- ▶4.  .....

**Exercise 4**

- ▶1. Which quadrilaterals have two pairs of equal sides? .....
- ▶2. Is it possible to draw a right-angled equilateral triangle? .....

**Exercise 5**

Are the following statements correct? Circle the correct answer.

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>▶1. A rhombus has four equal sides. Yes / No</li> <li>▶2. A Heptagon has 6 sides. Yes / No</li> <li>▶3. A regular polygon is a shape where all the side lengths and angles are equal. Yes / No</li> <li>▶4. The interior angles of a polygon are the</li> </ul> | <ul style="list-style-type: none"> <li>▶5. An isosceles triangle has no equal angles. Yes / No</li> <li>▶6. An <i>arrowhead</i> has no parallel sides. Yes / No</li> </ul> |
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