# WORKSHEET
# TWO DIMENTIONAL SHAPES CLASS VII SMP/MTs



**Name** : .....

**Class** : .....

**No. Absence** : .....

Sekolah Menengah Pertama
AL HIKMAH
Berbudi dan Berprestasi

Subject : Mathematics

Education Level : SMP/MTs

Class/Semester : VII/Even

Main Material : Two Dimentional Shapes

Time Allocation : 40 Minutes

Learning Objectives :

1. Through discussion and question and answer, students are expected to be able to determine the names of two dimentional shapes correctly.
2. Through discussion and question and answer, students are expected to be able to analyze the properties of two dimentional shapes well.
3. Through a flat shape quiz based on Indonesian local wisdom, students are expected to be able to determine the properties of a two dimentional shapes correctly.
4. Through the live worksheet, students are expected to be able to solve problems related to the properties of two dimentional shapes properly and correctly.

**Instruction**

1. Read the worksheet with carefully
2. Ask the teacher if something is not clear.
3. Perform activities in accordance that have been given.

## Activity 01



Match the two dimentional shapes below according to their names!

















Circle

Square

Rectangle

Parallelogram

Trapezium

Quadrilateral

Kite

Triangle

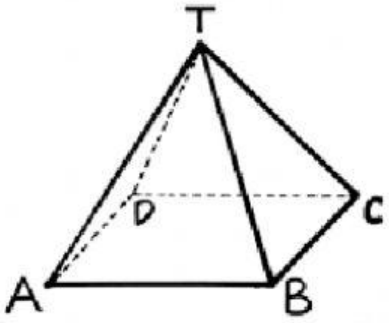
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## Activity 02



Choose the answer below by clicking the answer on the letter A, B, C, or D correctly and correctly!

1. Look at the following picture!




The side whose length is equal to the side DT is...

a. BC, CD, and DA

b. DT, AD, and BC

c. BT, AT, and CT

d. BT, BC, and AB

2. The number of fold symetries in a circle is...

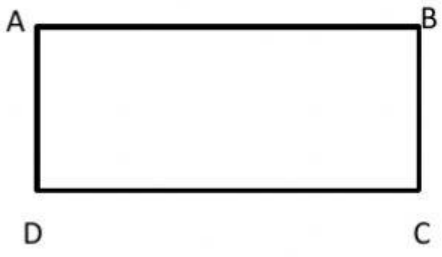
a. 4

b. Infinity

c. 15

d. 10

3. Take a lokk at the rectangles below!




If the lenght of AD is 10 cm and the length of CD is 25 cm. So the difference between the lengths of AB and BC is...

a. 15 cm

b. 20 cm

c. 10 cm

d. 25 cm

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4. A triangle with three equal sides is called a triangle...
   a. Isosceles
   b. Obtuse
   c. Right
   d. Equilateral

5. Check out the features below!
   i. Both diagonals are sub-symmetric
   ii. Have one center point
   iii. The diagonals intersect at right angles to each other
   iv. The sum of adjacent angles is 180 degrees.

   The properties of a rhombus are shown by...
   a. Ii and iv
   b. i and ii
   c. iii and iv
   d. i and iii

## Activity 03



Connect them by drawing a line from part A to part B correctly!

| A | B |
| --- | --- |
| Has 4 equal sides | Circle |
| The diagonals intersect at right angles to each other | Triangle |
| Has 2 sides of equal length | Square |
| The sum of all the angles is 180 degrees | Parallelogram |
| Have one center point | Quadrilateral |

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## Activity 04



Fill in the blanks below correctly!

| | |
|---|---|
|  | The circle on the side has ..... folding symmetry and ..... rotational symmetry |
|  | The square on the side has ..... folding symmetry and ..... rotational symmetry |
|  | The rectangle on the side has ..... folding symmetry and ..... rotational symmetry |
|  | The parallelogram on the side has ..... folding symmetry and ..... rotational symmetry |
|  | The trapezium on the side has ..... folding symmetry and ..... rotational symmetry |
|  | The quadrilateral on the side has ..... folding symmetry and ..... rotational symmetry |
|  | The kite on the side has ..... folding symmetry and ..... rotational symmetry |
|  | The triangle on the side has ..... folding symmetry and ..... rotational symmetry |

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