



# Ch. 2: 2D Geometry




Angles, Triangle types, similar and congruent shapes and...  
TRANSFORMATIONS.



0 plays · 0 players

A private kahoot





## Questions (20)

-  Home
-  Discover
-  Library
-  Reports
-  Groups
-  Marketplace

1 - Quiz

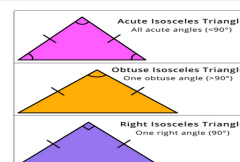
**An acute angle measures...**



-   $< 90^\circ$  ✓
-  more than  $90^\circ$  but less than  $180^\circ$  ✗
-   $90^\circ$  ✗
-  None of the above ✗

2 - Quiz

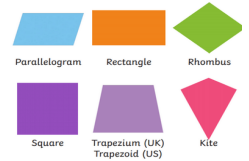
**An isosceles triangle is a triangle with...**



-  three equal sides ✗
-  two equal sides ✓
-  no equal sides ✗
-  five equal sides ✗

3 - Quiz

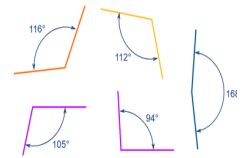
A quadrilateral with four equal sides and no right angles is a...



- square ✗
- rhombus ✓
- parallelogram ✗
- kite ✗

4 - Quiz

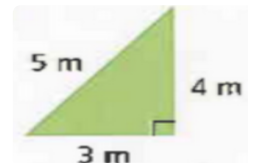
An obtuse angle measures...



- 90° ✗
- more than 90° but less than 180° ✓
- less than 90° ✗
- 45° ✗

5 - Quiz

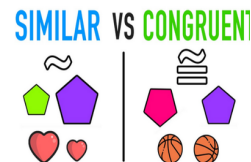
Classify this triangle in two ways.



- equilateral right triangle ✗
- isosceles right triangle ✗
- scalene right triangle ✓
- equilateral scalene triangle ✗

6 - Quiz

**Congruent shapes are shapes that...**

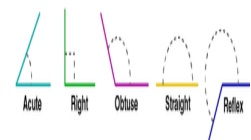


- have the same shape only.
- have the same colour.
- have the same size.
- have the same shape and size.



7 - Quiz

**A right angle measures...**

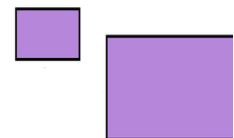


- 180°
- 45°
- 90°
- 360°



8 - Quiz

**These two shapes are...**

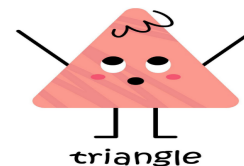


- congruent
- similar
- triangles
- perpendicular



9 - Quiz

A triangle with three 9cm sides is a(n)...

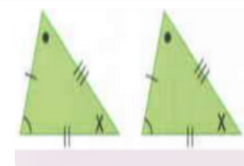


- equilateral triangle
- isosceles triangle
- acute triangle
- obtuse triangle



10 - Quiz

These two shapes are...

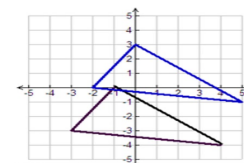


- isosceles triangles
- congruent triangles
- similar angles
- equilateral triangles



11 - Quiz

A translation could also be described as a...



- turn
- flip
- bop
- slide





12 - Quiz

A reflection could also be described as a...




-  turn
-  bop
-  flip
-  slide

- ✗
- ✗
- ✓
- ✗

13 - Quiz

A rotation could also be described as a...






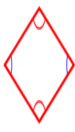




-  turn
-  flip
-  hop
-  slide

- ✓
- ✗
- ✗
- ✗

14 - Quiz

Which of these is a rhombus?

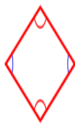
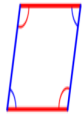
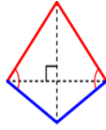
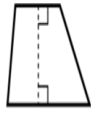
rhombus	
How many straight sides?	4 straight sides
How many vertices?	4 equal length sides
How many lines of symmetry?	4 vertices
How many interior angles?	2 lines of symmetry
How many pairs of interior angles?	4 interior angles
What type of angles can you see in this shape?	2 pairs of interior angles
How many pairs of parallel lines?	2 acute angles 2 obtuse angles
	2 pairs of parallel lines

-  
-  
-  
-  

- ✗
- ✓
- ✗
- ✗

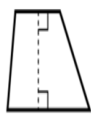
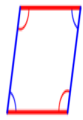
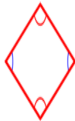
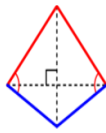
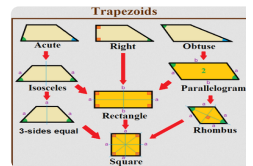
15 - Quiz

Which of these is a kite?



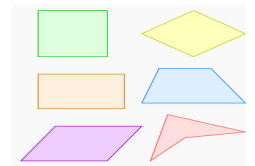
16 - Quiz

Which of these is a trapezoid?



17 - Quiz

Which of the following is a quadrilateral?



- rhombus ✓
- hexagon ✗
- circle ✗
- triangle ✗

18 - Quiz

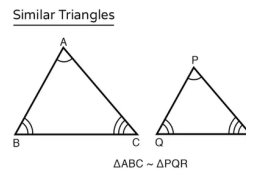
Which of the following is a transformation?



- reflection ✗
- rotation ✗
- translation ✗
- all of the above ✓

19 - Quiz

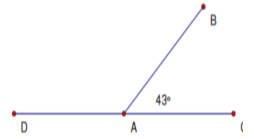
Can an acute triangle and an obtuse triangle be similar?



- Yes ✗
- No ✓
- Sometimes ✗
- Go ask Farmer Brown. ✗

20 - Quiz

Identify the missing angle.



110°



47°



99°



137°

