

Name _____

Date _____

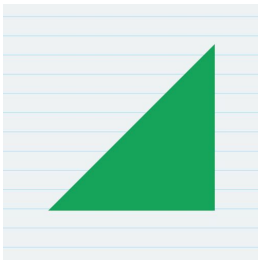
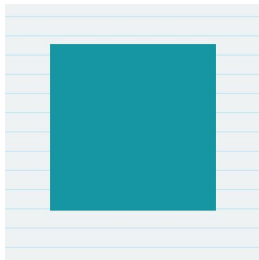
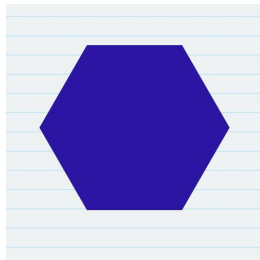
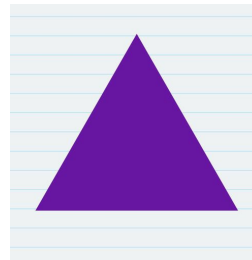
Basic Geometry: Shapes

Use the text to answer each question below.

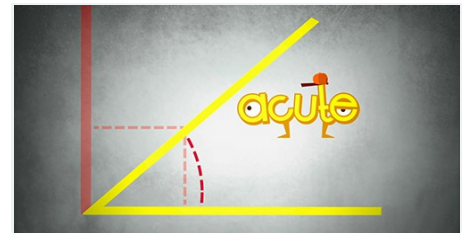
1. An angle is the space formed between two lines when they meet. The size of an angle is measured in degrees ($^{\circ}$). A circle has 360 degrees.



Which of these shapes has exactly 4 angles?

A.  B.  C.  D. 

2. A right angle is 90° . An acute angle is less than 90° . An obtuse angle is more than 90° .



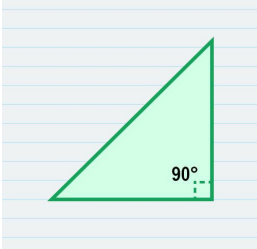
Which of these is a measurement of an obtuse angle?

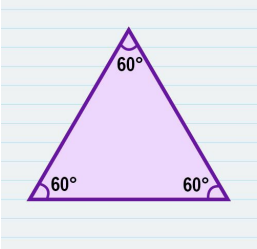
- A. 89° B. 5°
 C. 90° D. 100°

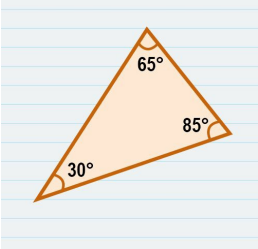
3. A triangle is a three-sided shape. A triangle that includes a right angle is right triangle.

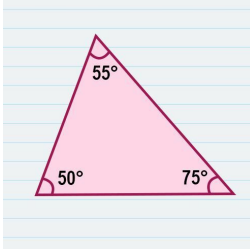


Which of these is a right triangle?

A. 

B. 

C. 

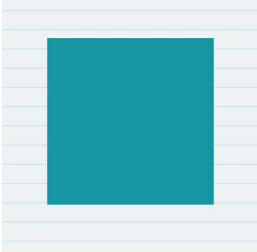
D. 

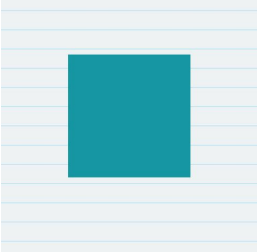
4. A rectangle is a four-sided shape with four right angles and with two pairs of parallel sides. The sides don't all have to be equal though.

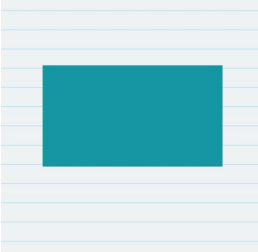
A square is a four-sided shape with four right angles and four equal sides. A square is a type of rectangle, but a rectangle doesn't have to be a square.

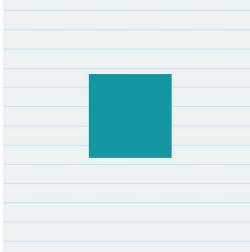


Which of these rectangles is **not** also a square?

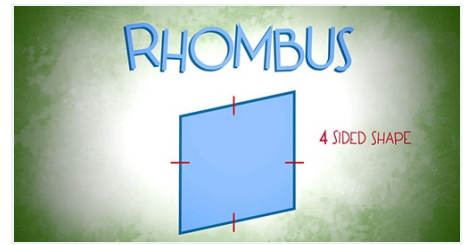
A. 

B. 

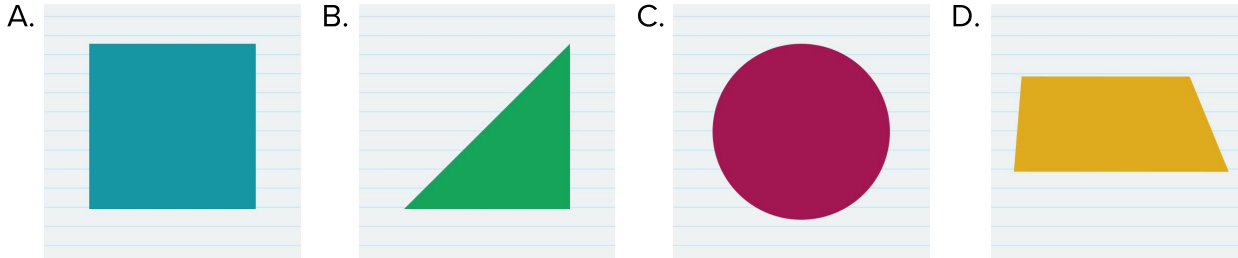
C. 

D. 

5. A rhombus is a four-sided shape where all sides are the same length, but the angles do not have to be the same. A square is a rhombus with equal angles.



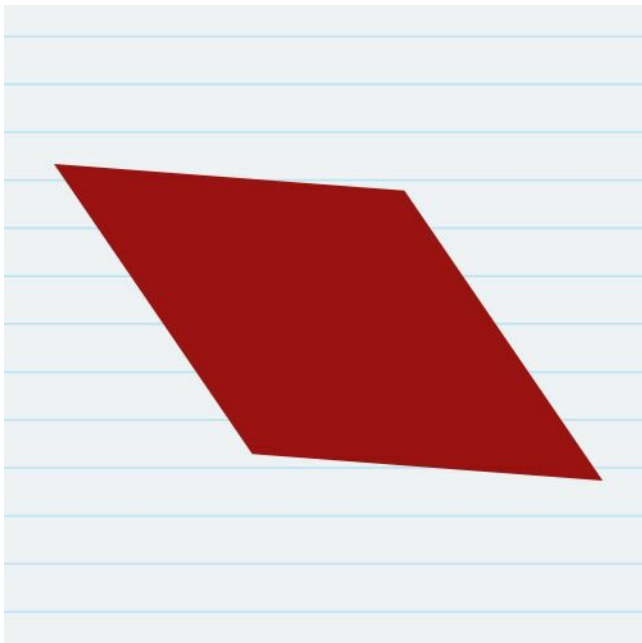
Which of these is a rhombus?



6. A parallelogram is a four-sided shape with two pairs of parallel sides. Squares, rhombuses and rectangles are all types of parallelograms. A trapezoid is a four-sided shape with one pair of parallel lines.



All sides in the shape below are equal. This shape is a



- A. square only.
B. rhombus and parallelogram.
C. rectangle and trapezoid.
D. trapezoid only.