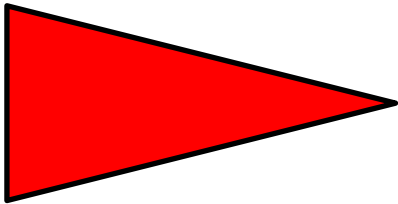


Classifying 2-Dimensional Shapes

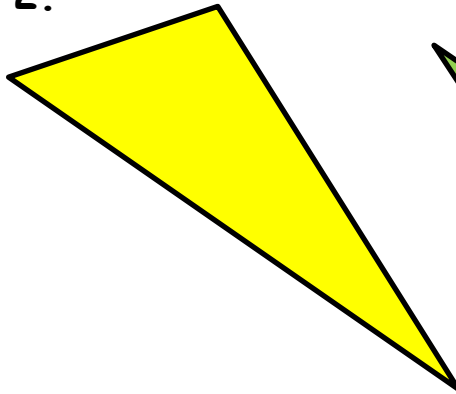
Assignment
Math 5

Part 1: Classify the following triangles by its sides.

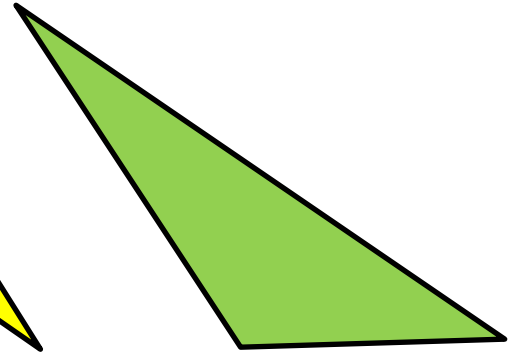
1.



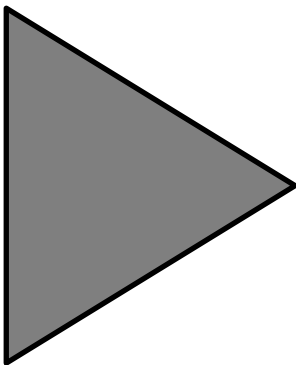
2.



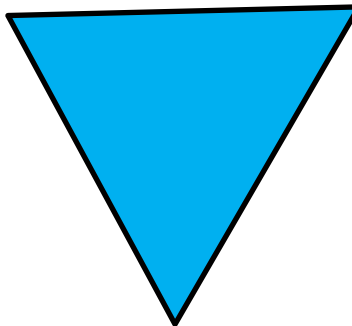
3.



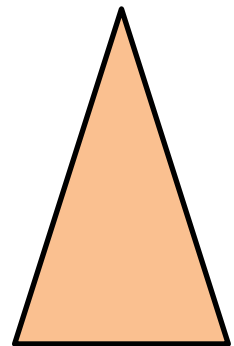
4.



5.



6.

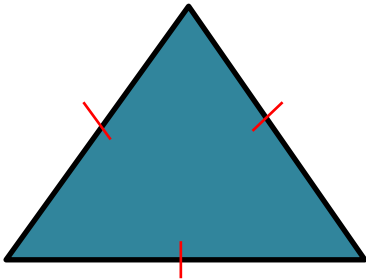


Classifying 2-Dimensional Shapes

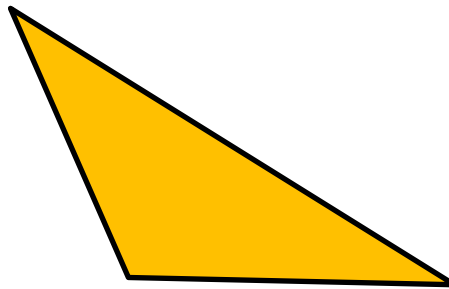
Assignment
Math 5

Part 2: Classify the following triangles by its angles.

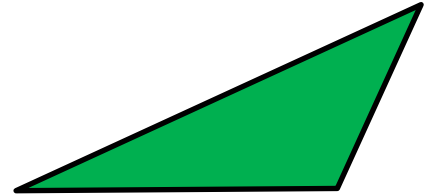
1.



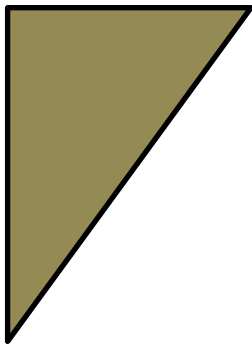
2.



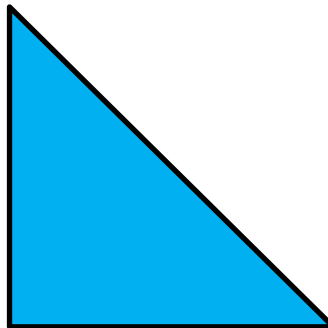
3.



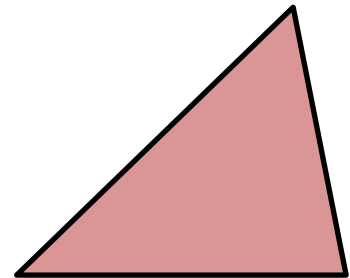
4.



5.



6.

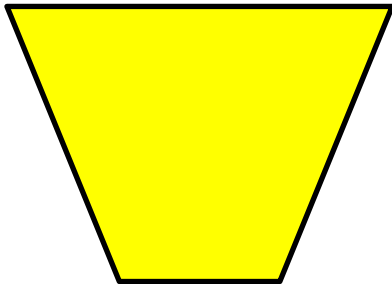


Classifying 2-Dimensional Shapes

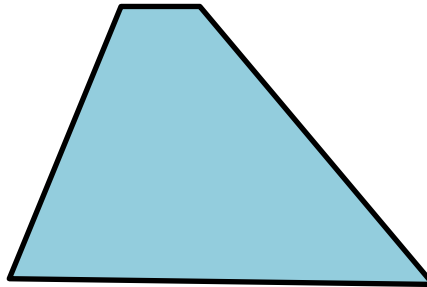
Assignment
Math 5

Part 3: Classify the following trapezoids.

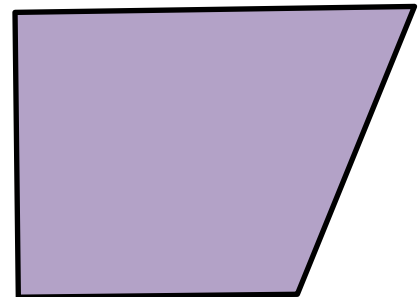
1.



2.



3.



Part 4: Tell whether you agree to the given statement below. Explain your thoughts.

“ An obtuse triangle can have 2 obtuse angles.”

Justify your thoughts: _____

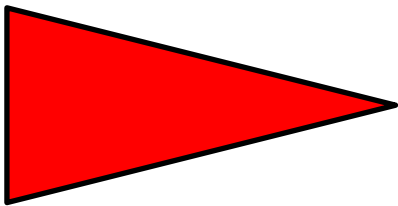
Classifying 2-Dimensional Shapes

Assignment
Math 5

Answers:

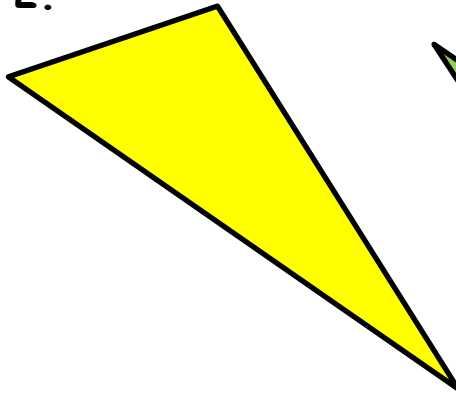
Part 1: Classify the following triangles by its sides.

1.



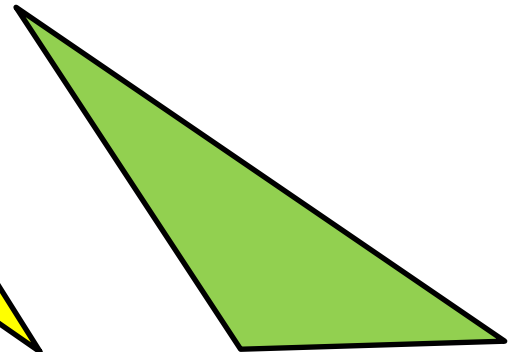
Isosceles

2.



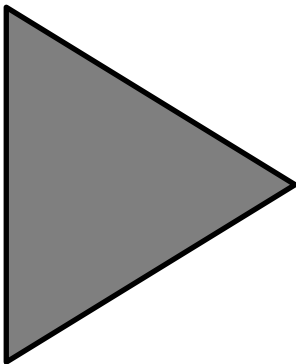
Scalene

3.



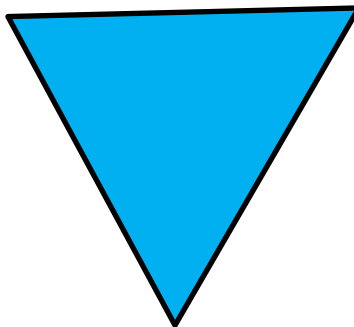
Scalene

4.



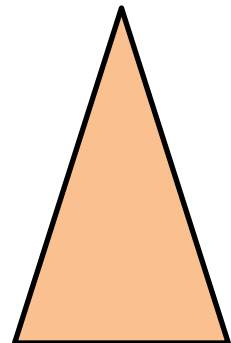
Equilateral

5.



Equilateral

6.

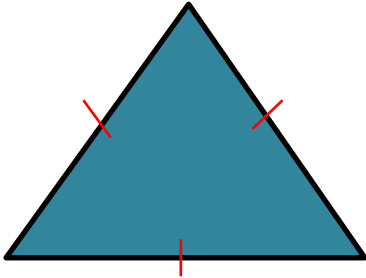


Isosceles

Classifying 2-Dimensional Shapes

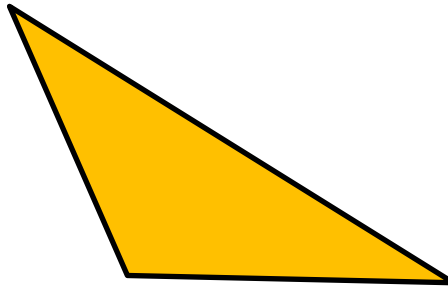
Part 2: Classify the following triangles by its angles.

1.



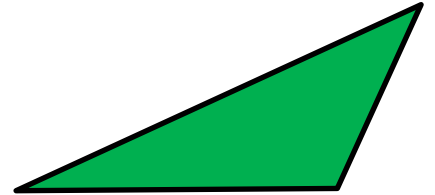
Equiangular

2.



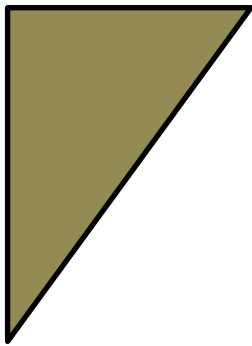
Obtuse

3.



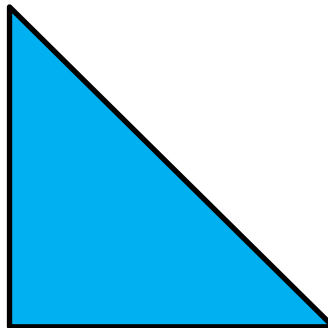
Obtuse

4.



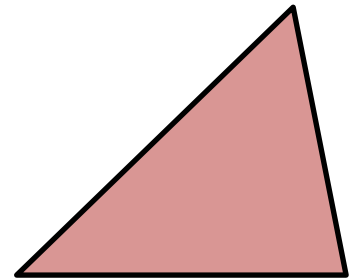
Right

5.



Right

6.



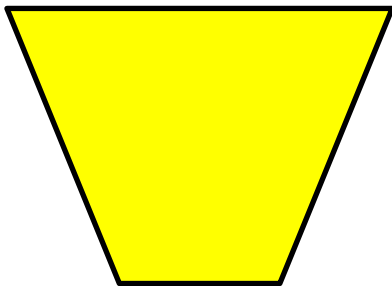
Acute

Classifying 2-Dimensional Shapes

Assignment
Math 5

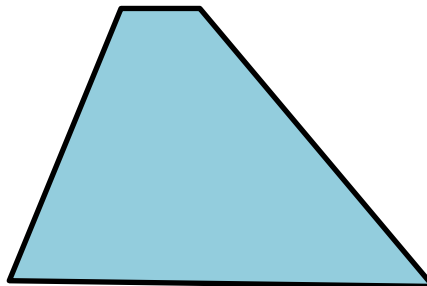
Part 3: Classify the following trapezoids.

1.



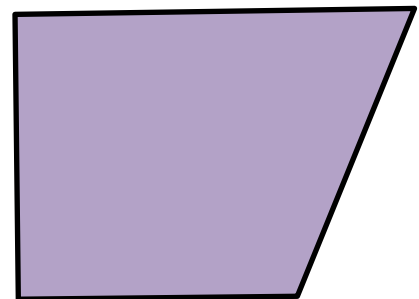
Isosceles

2.



Scalene

3.



Right

Part 4: Tell whether you agree to the given statement below. Explain your thoughts.

“ An obtuse triangle can have 2 obtuse angles.”

Justify your thoughts: Answers may vary.

It is impossible for a triangle to have 2 obtuse angles. The sum of the measures of the three angles of a triangle is 180 degrees. Having two obtuse angles in a triangle sums up to more than 180.