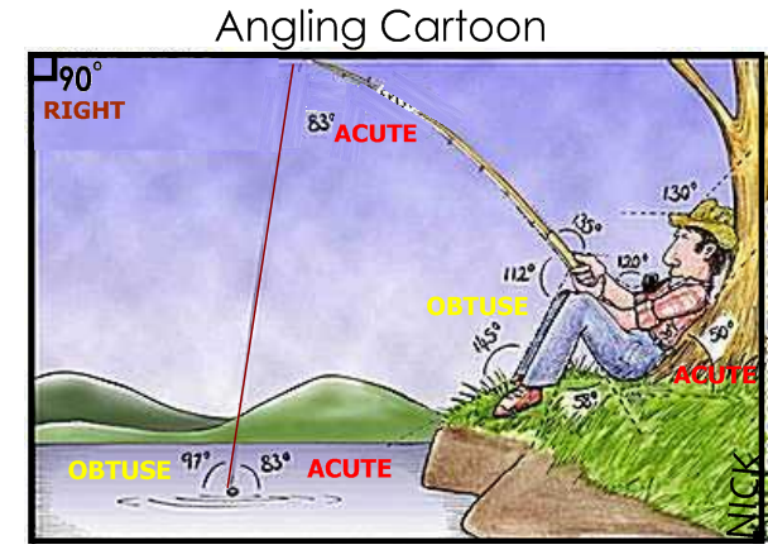


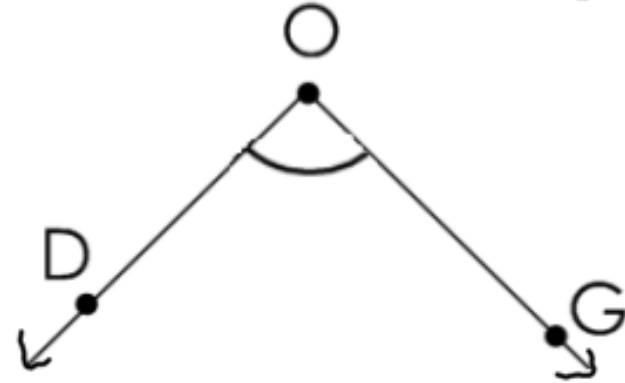
Grade 5 Geometry Goal: Identify, describe, compare, name, and draw right, acute, obtuse, straight, and reflex angles; determine angle measures in vertical and supplementary angles and by applying properties of sums of angle measures in triangles and quadrangles.

Unit 3: Measure angles.

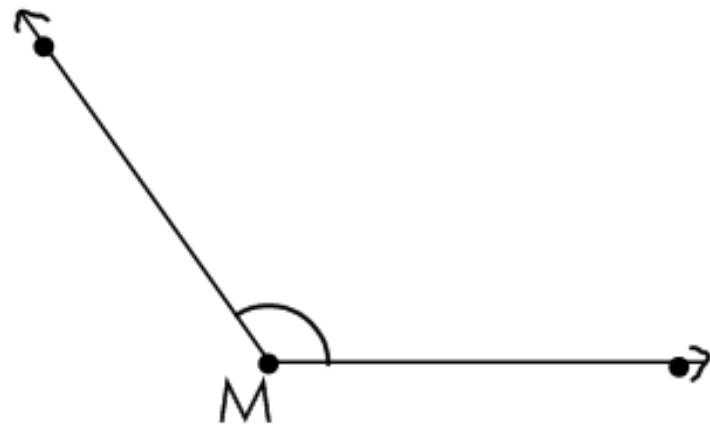
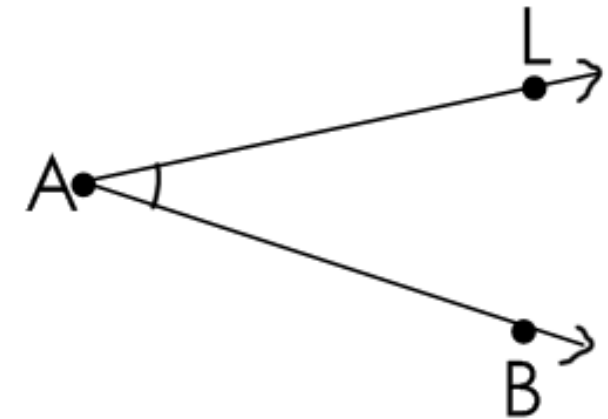


Measure each angle below with a protractor. Then name each angle type.

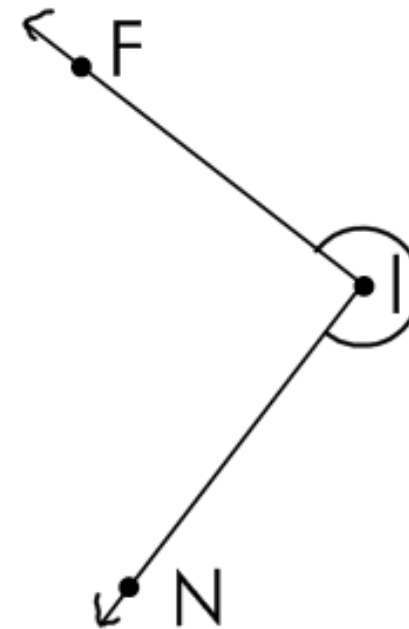
$m\angle DOG =$ _____
 _____ angle



$m\angle LAB =$ _____
 _____ angle

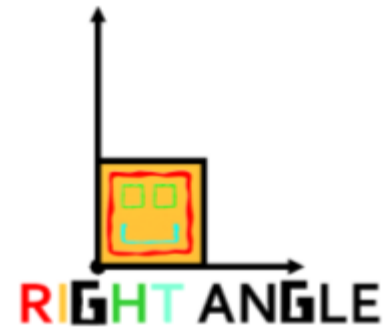
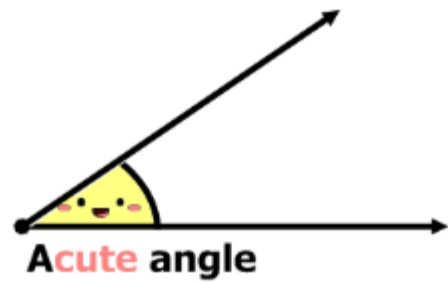


$m\angle M =$ _____
 _____ angle



$m\angle FIN =$ _____
 _____ angle

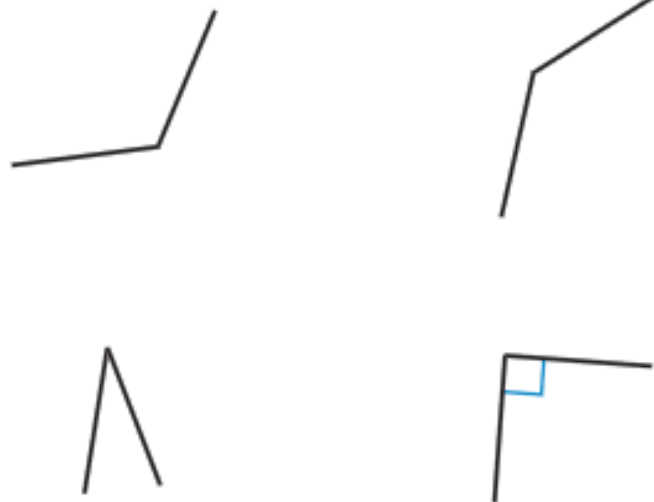
Grade 5 Geometry Goal: Identify, describe, compare, name, and draw right, acute, obtuse, straight, and reflex angles; determine angle measures in vertical and supplementary angles and by applying properties of sums of angle measures in triangles and quadrangles.



Unit 3: Identify types of angles.

Describe, draw and label each type of angle.

Circle the obtuse angles.



Explain how you know an angle is obtuse without measuring it.

Grade 5 Number and Numeration Goal: Read and write whole numbers and decimals; identify places in such numbers and the values of the digits in those places; use expanded notation to represent whole numbers and decimals.

Unit 3: Identify place value in numbers to billions.

Understanding place value and representing numbers in different ways helps math make sense.



Write an 11-digit numeral with
7 in the hundred-thousands place,
a digit in the tenths place that is the smallest prime number,
an odd digit in the hundred-millions place,
3 in the hundreds place,
a digit in the ten-millions place that is triple the hundreds place,
and even numbers in all the other places.

_____ , _____ , _____ . _____

Grade 5 Geometry Goal: Describe, compare, and classify plane and solid figures using appropriate geometric terms; identify congruent figures and describe their properties.

Unit 3: Draw types of triangles.

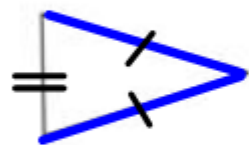
Identify types of triangles and compare properties.



Equilateral



Scalene



Isosceles



Right



Acute



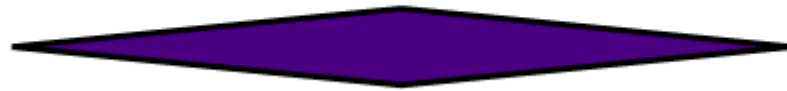
Obtuse

Draw and label each type of triangle: **scalene, isosceles, equilateral, right, acute, and obtuse**. Use mathematical language to describe **each triangle**.

Grade 5 Geometry Goal: Describe, compare, and classify plane and solid figures using appropriate geometric terms; identify congruent figures and describe their properties.

Unit 3: Compare the properties of polygons.

Check off the true statements.



- There is only one right angle.
- There are two right angles.
- All angles are right angles.
- There are no right angles.
- Only one pair of sides is parallel.
- All opposite sides are parallel.
- There are no parallel sides.
- All sides are the same length.
- At least two angles are congruent.
- This polygon is a triangle.
- This polygon is a quadrangle.
- This polygon is a regular polygon.

Pick two of the traits below and draw a shape to fit those traits. (Choose wisely, some traits don't go together.)

- △ There is only one right angle.
- △ There are two right angles.
- △ All angles are right angles.
- △ There are no right angles.
- △ Only one pair of sides is parallel.
- △ All opposite sides are parallel.
- △ There are no parallel sides.
- △ All sides are the same length.
- △ At least two angles are congruent.
- △ This polygon is a triangle.
- △ This polygon is a quadrangle.
- △ This polygon is a regular polygon.