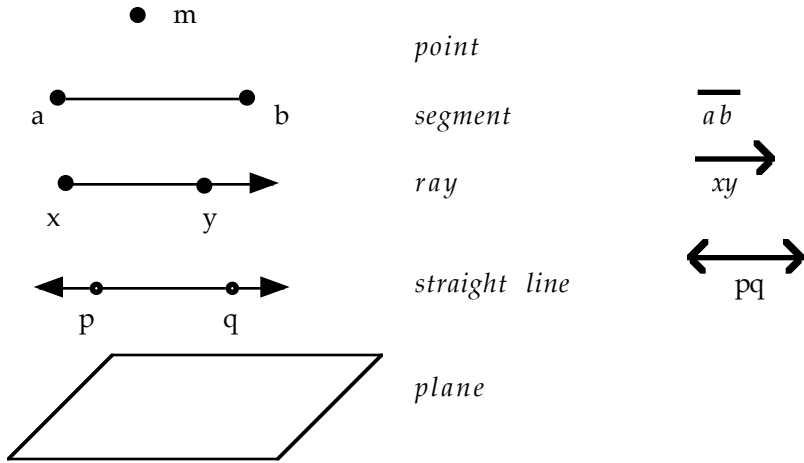


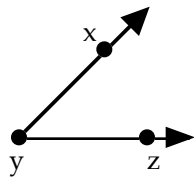
Geometry Concepts and Vocabulary

Glossary and Resource

Figures



Angles

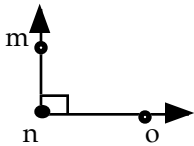


$m < xyz$ measure of angle xyz

Angle two rays meeting at a common end point (vertex)

$\angle xyz$ or $\angle zyx$

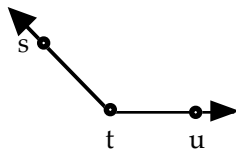
Acute angle angle measuring more than 0° and less than 90°



Right angle angle measuring exactly 90°

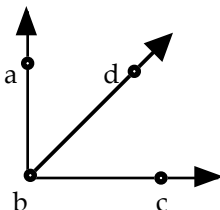
$0^\circ < \text{angle } xyz < 90^\circ$

$\angle mno = 90^\circ$



Obtuse angle angle measuring more than 90° but less than 180°

$90^\circ < \text{angle } stu < 180^\circ$



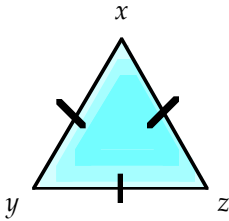
Adjacent angles a pair of angles sharing a common vertex and ray

$\angle abd$ is adjacent to $\angle dbc$

Geometry Concepts and Vocabulary

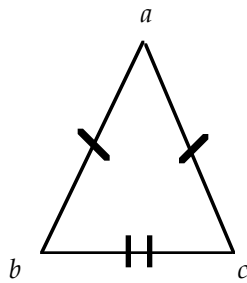
Glossary and Resource

- Triangles
- The sum of all angles of any triangle is 180°
 - Angles opposite equal sides have equal measure
 - Sides opposite equal angles have equal measure



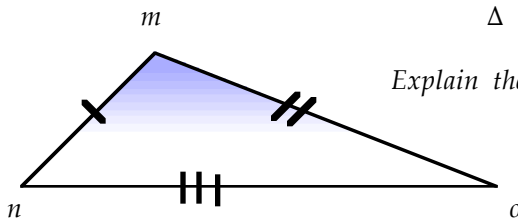
Δxyz is an equilateral triangle

Explain the relationship between all angles of this triangle



Δabc is an isosceles triangle

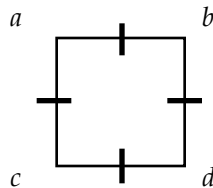
Explain the relationship between $\angle abc$ and $\angle acb$



Δmno is a scalene triangle

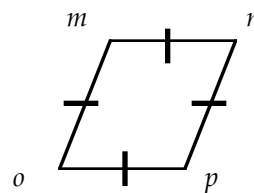
Explain the relationship between the angles of this triangle

Quadrilaterals



square

Explain the relationship between all angles



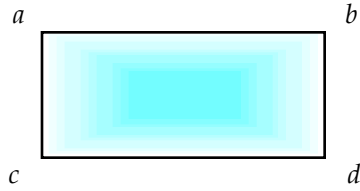
rhombus

Explain the relationship between angles

$\angle mnp$ and $\angle mop$
 $\angle npo$ and $\angle nmo$

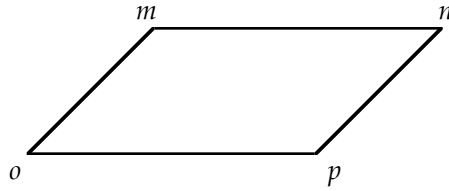
Geometry Concepts and Vocabulary
Glossary and Resource

Quadrilaterals



rectangle

Explain the relationship between all angles

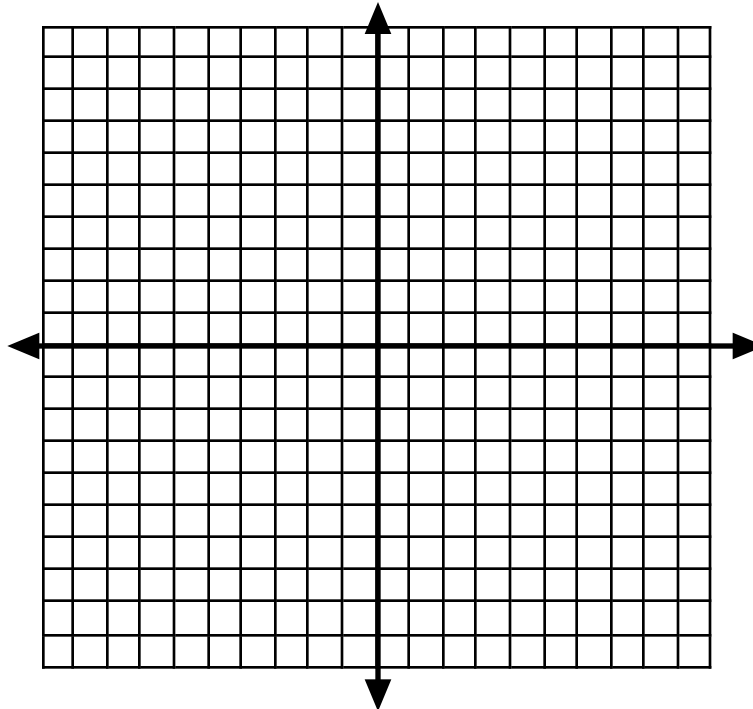


parallelogram

Explain the relationship between angles

$\angle mnp$ and $\angle mop$
 $\angle npo$ and $\angle nmo$

The Coordinate Plane



plotting points (x, y)

quadrants (quad means four)

axis (line) axes (plural of axis)