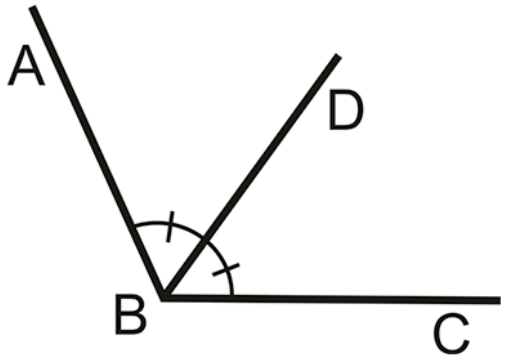
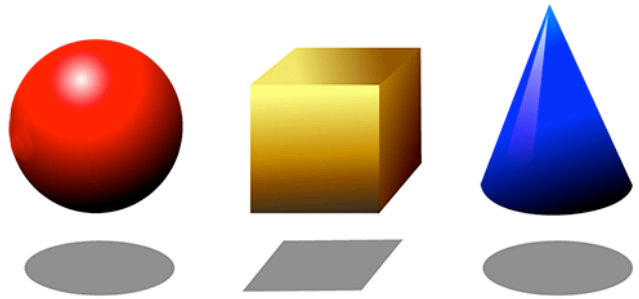
Geometry

Part One - Lines

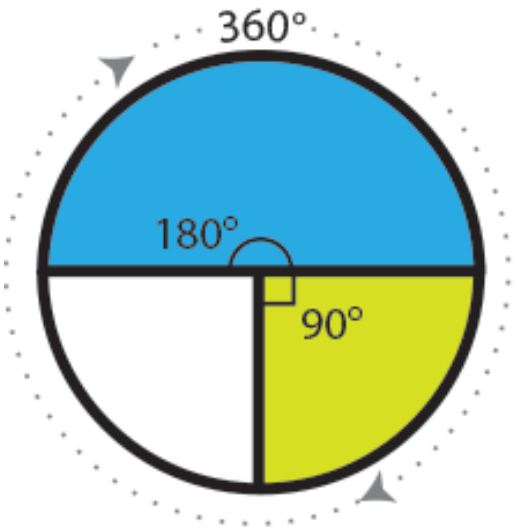


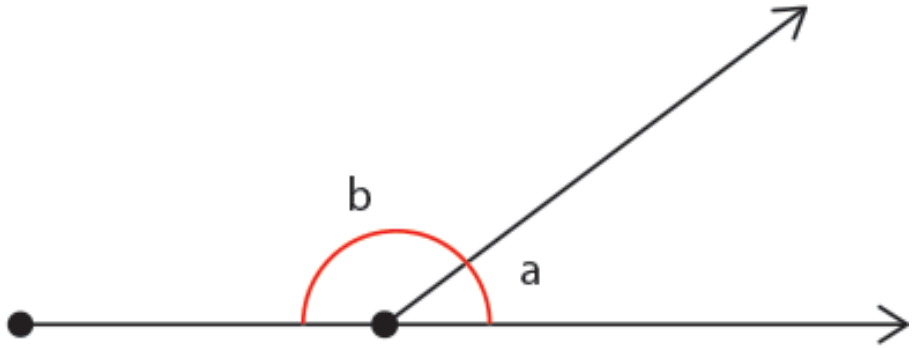


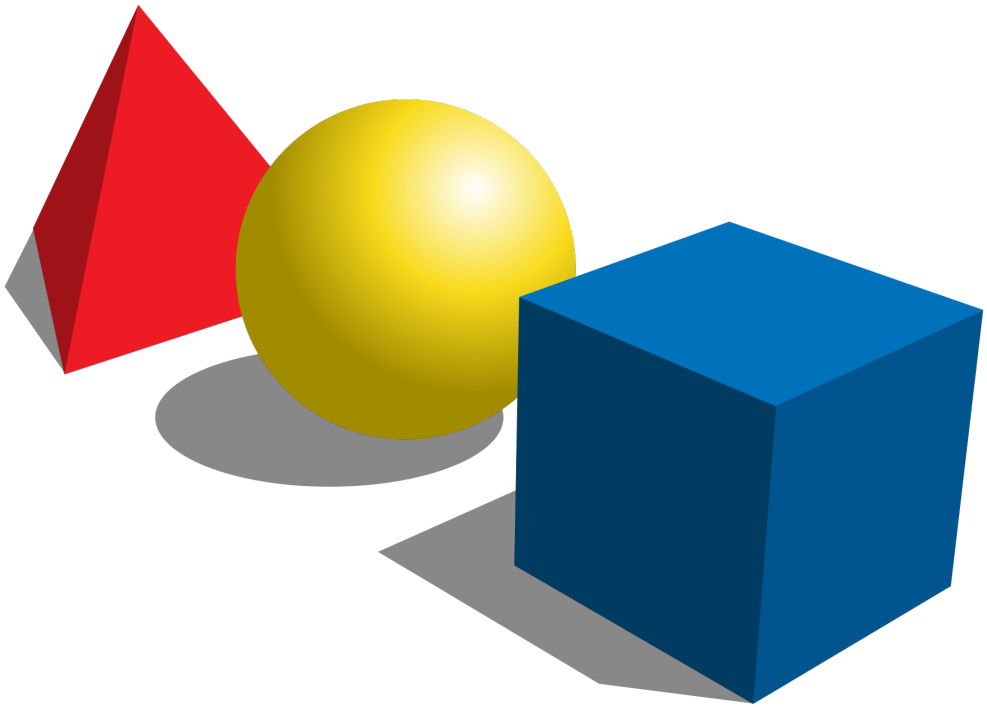
by Lisa Gilmore

Geometry
is the branch
of
mathematics

that deals with lines, angles, and shapes.

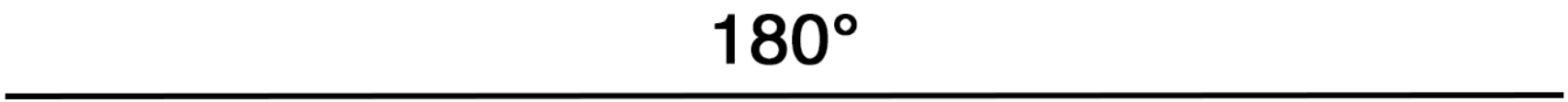

360°
180°
90°


b
a



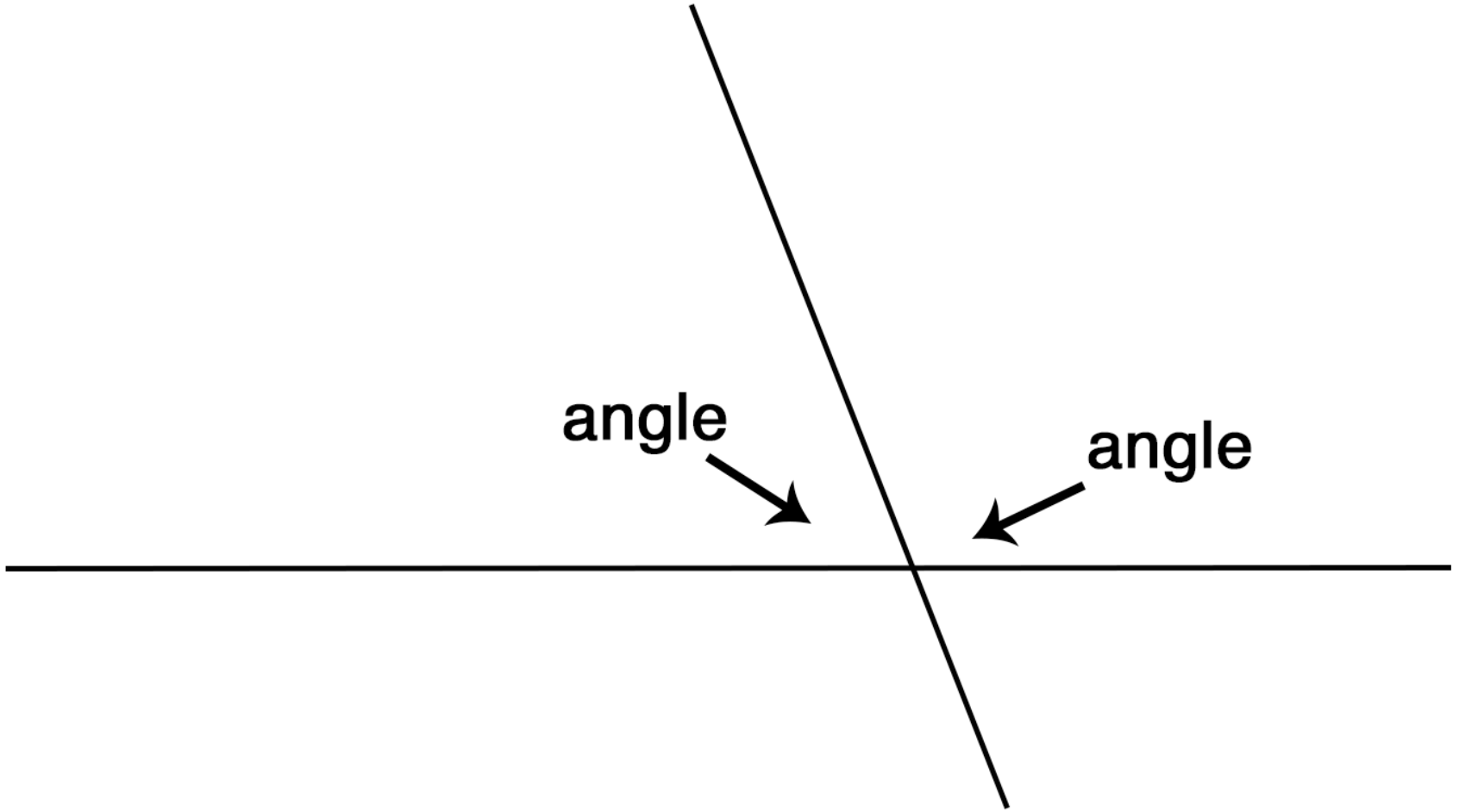
This is a line.

A line
has
180 degrees.


180°

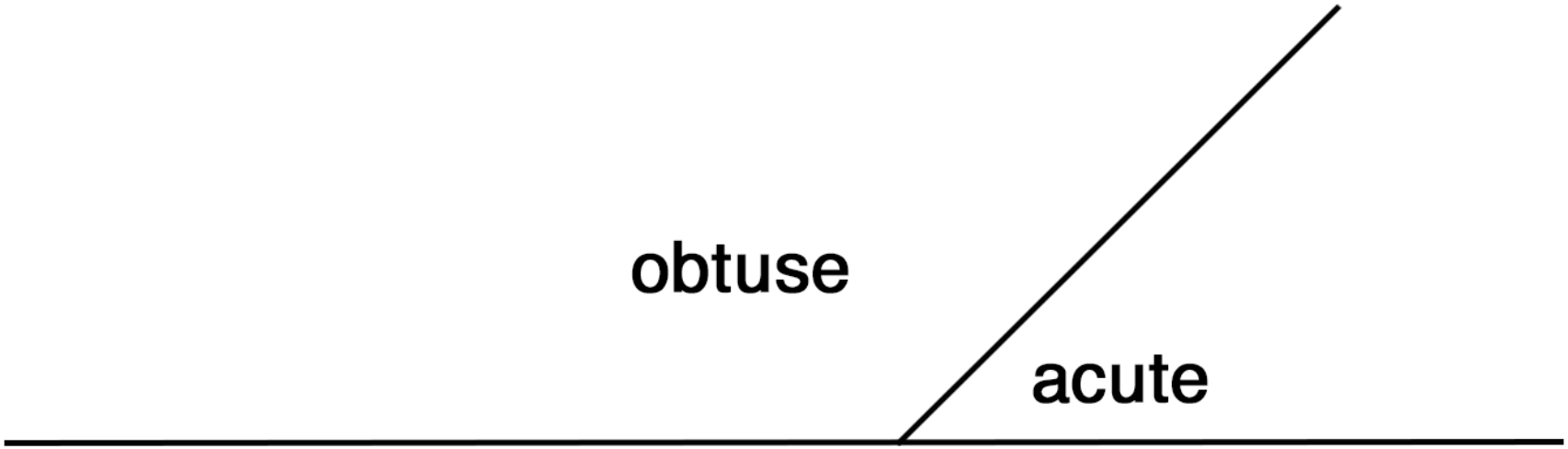
When two lines intersect,

they make angles.


angle
angle

The larger angle is called obtuse,

and the smaller angle is called acute.


obtuse
acute

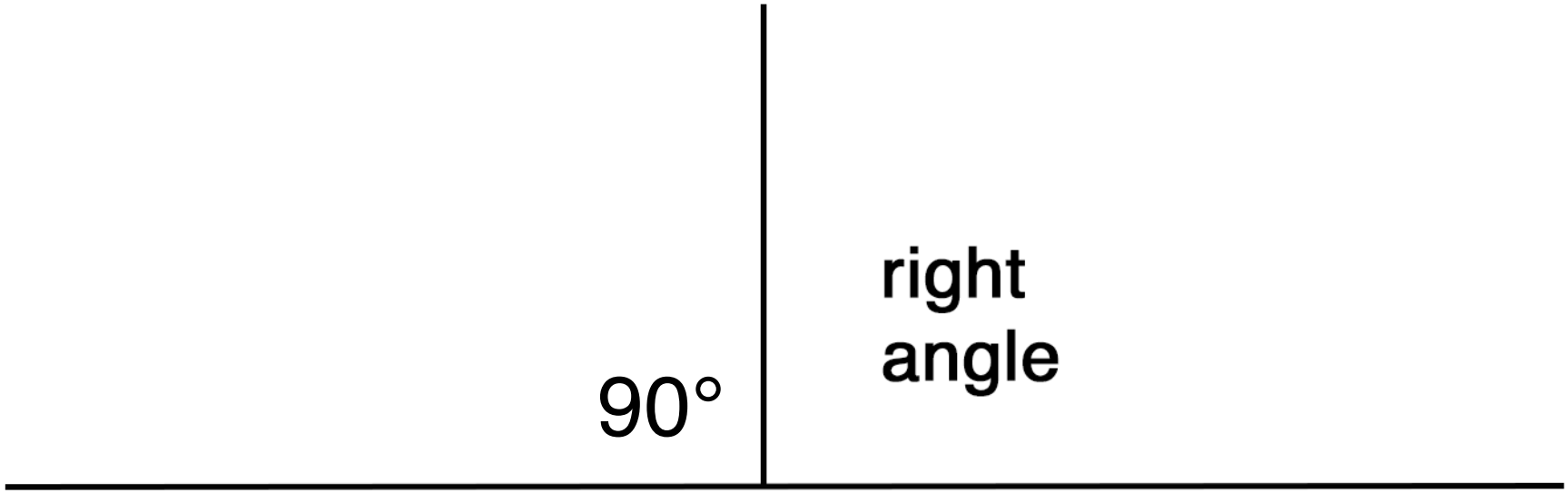
A car with its hood open makes an acute angle.

acute →

If the lines are perpendicular,

it is called a right angle,

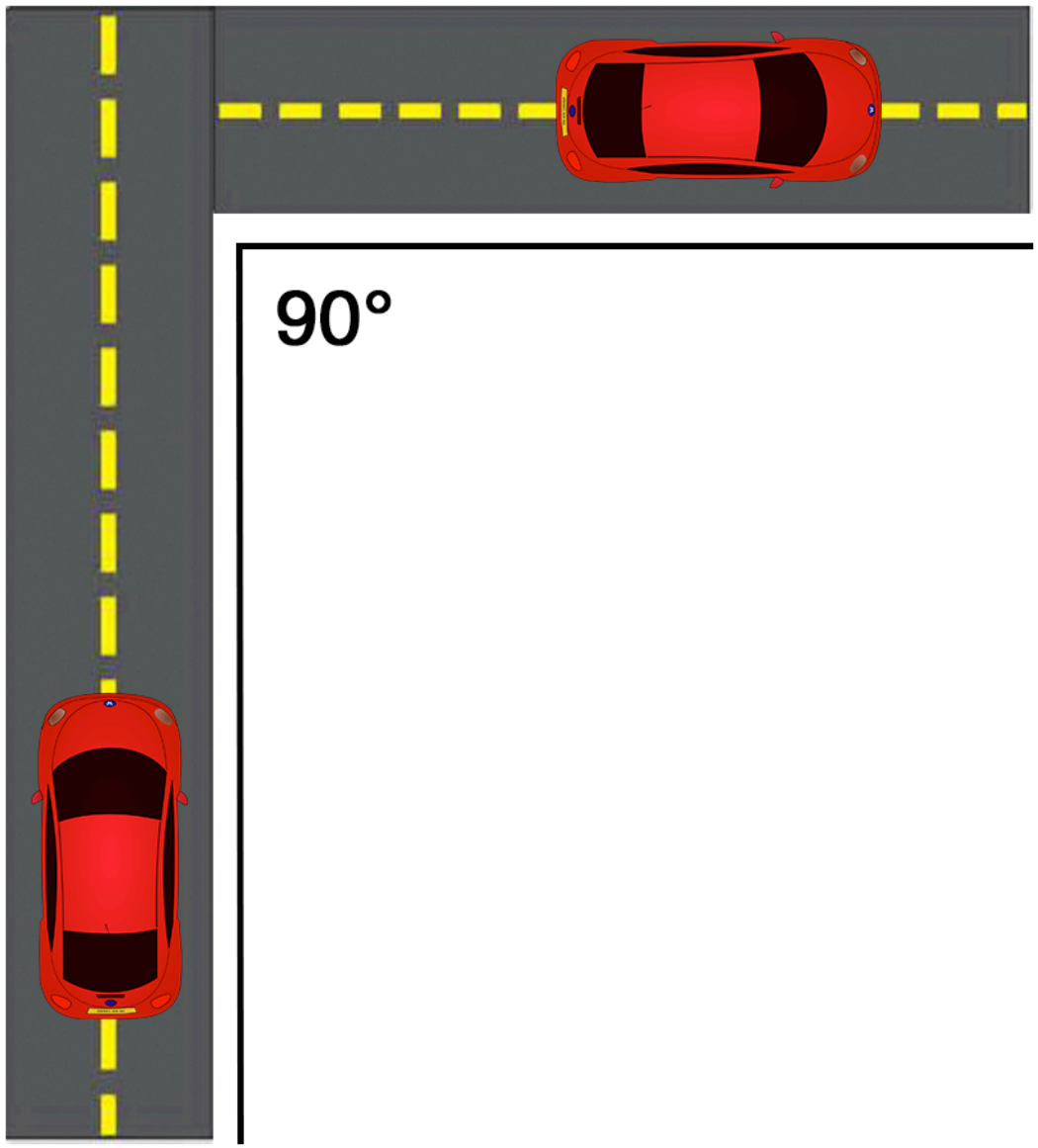
which has 90 degrees.


90°
right
angle

If a car drove down a street,

and turned onto another street,

it would make a right angle.


90°

The steepest hill a bulldozer can drive on safely

is

45 degrees.

45°

A 60 degree golf club wedge,

has an angle
of
60 degrees.

60°

HiPPO
HWT
60°
FORGED

Can you find other angles around you?

The
End