Do Now

Please place your homework in front of you and work on this Do-Now. Thanks.

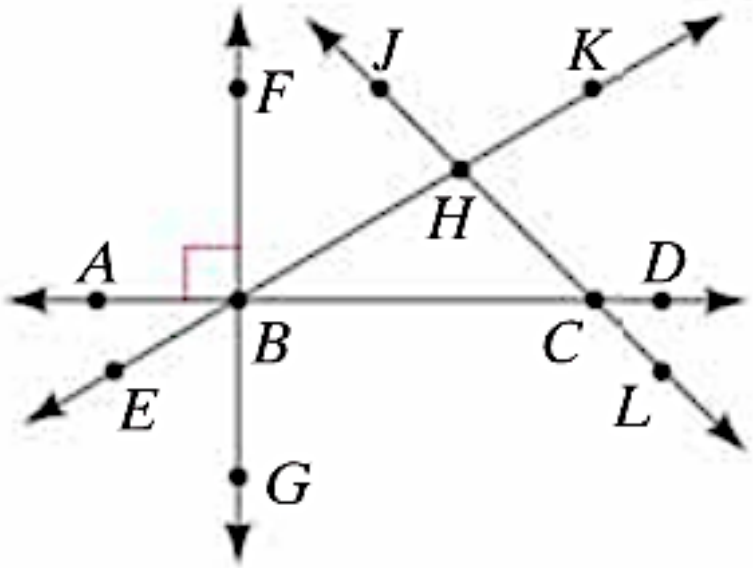
Use the figure below to name the following.

A pair of adjacent supplementary angles.

A pair of obtuse vertical angles.

A pair of complementary angles.

An angle congruent to ∠DCL.



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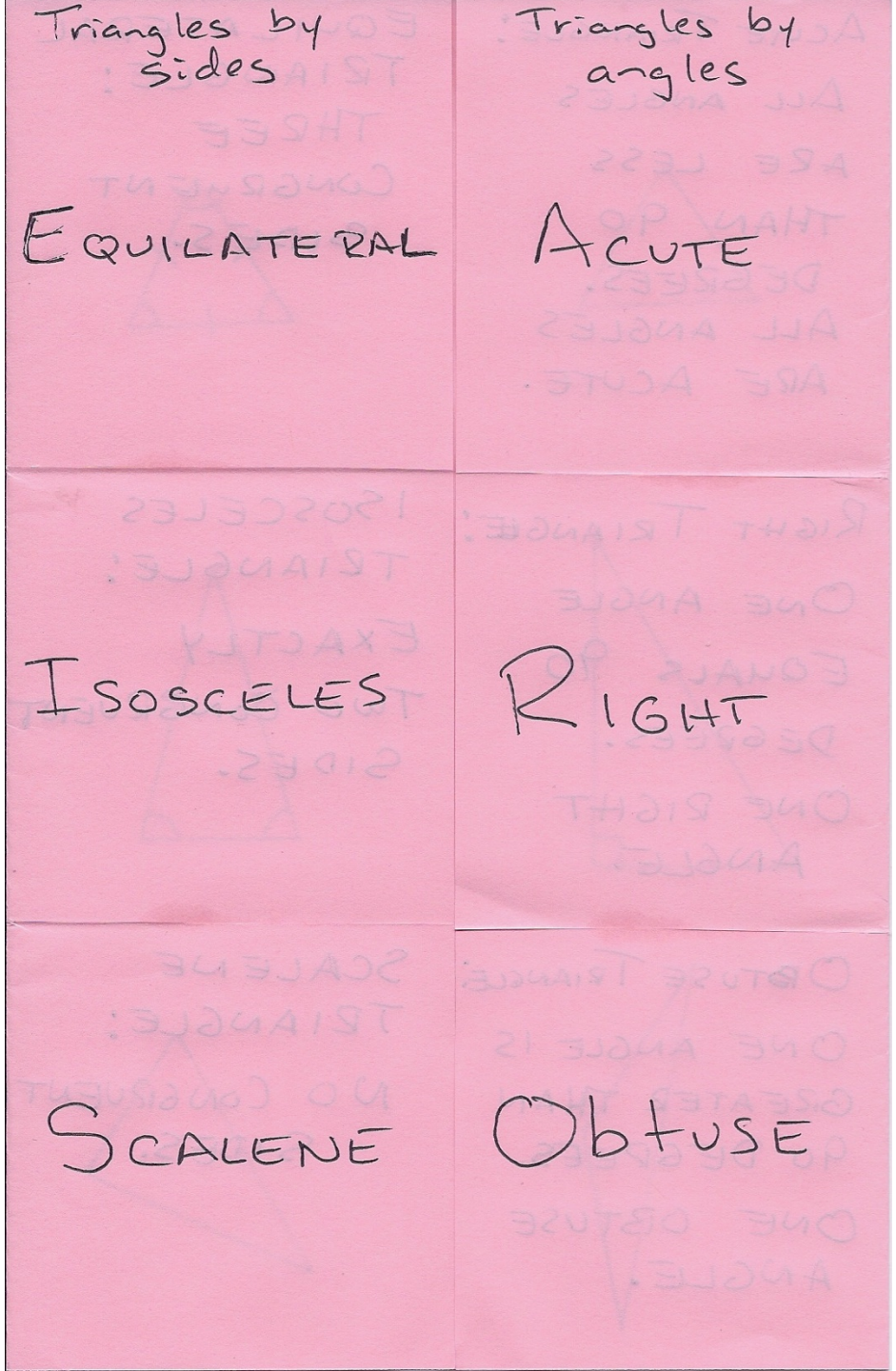
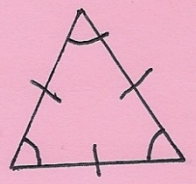

Triangles by sides
EQUILATERAL
ISOSCELES
SCALENE
Triangles by angles
ACUTE
RIGHT
Obtuse

Foldable

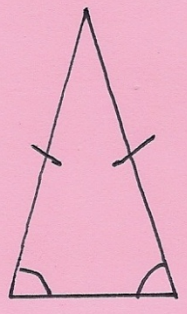
EQUILATERAL TRIANGLE: THREE CONGRUENT SIDES.



ISOSCELES TRIANGLE:

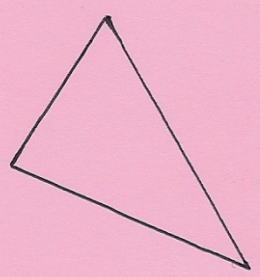
AT LEAST

TWO CONGRUENT SIDES.



SCALENE TRIANGLE:

NO CONGRUENT SIDES.



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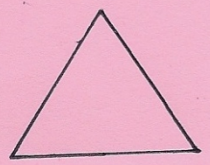
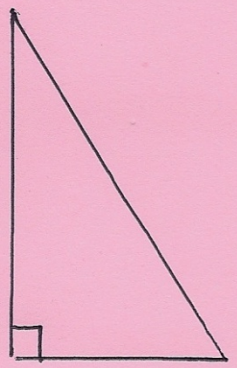


ACUTE TRIANGLE:

ALL ANGLES ARE LESS THAN 90 DEGREES.

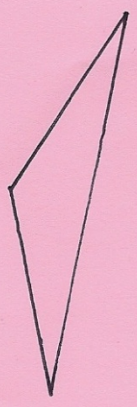
ALL ANGLES ARE ACUTE.



RIGHT TRIANGLE:

ONE ANGLE EQUALS 90 DEGREES.

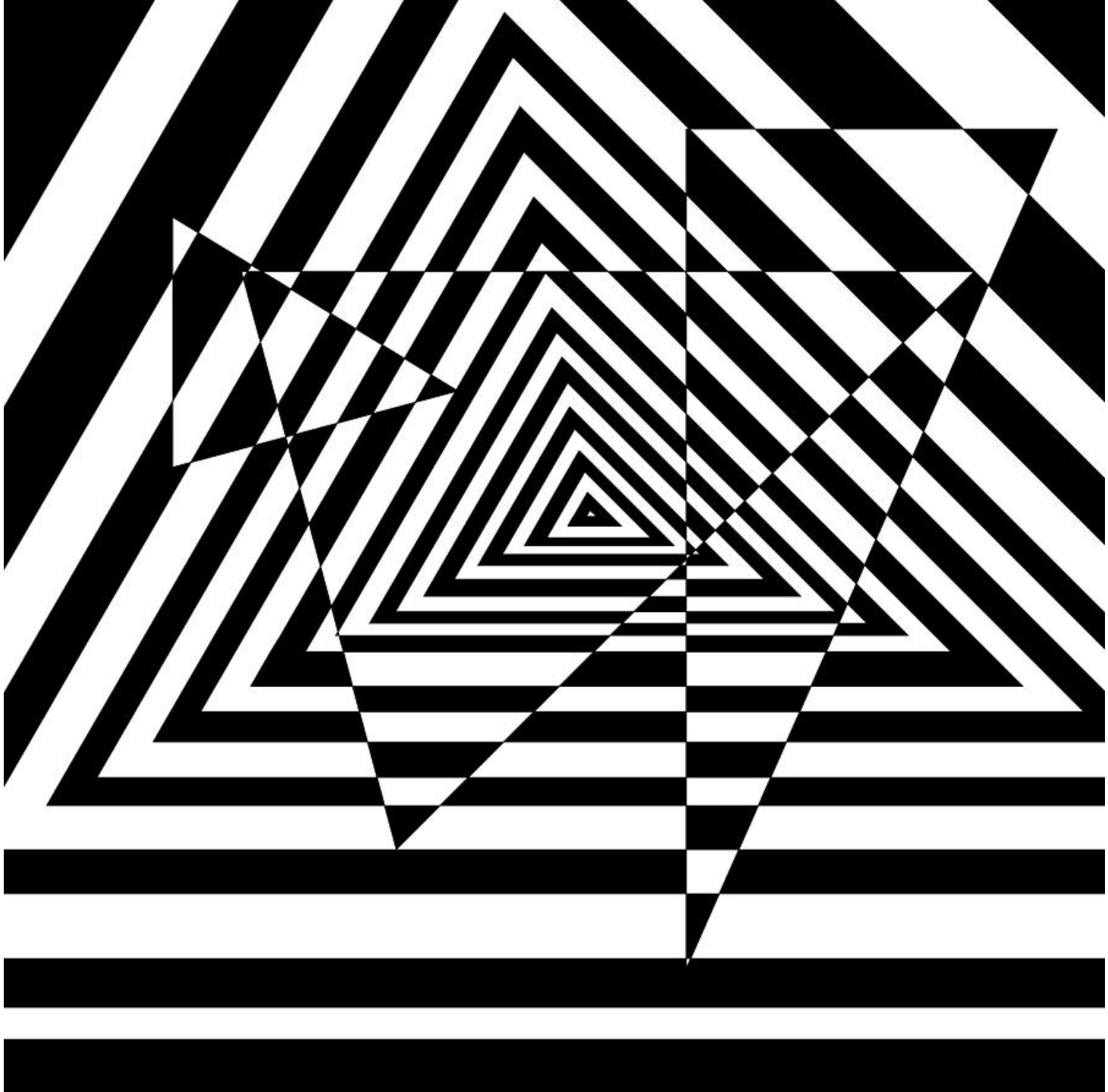
ONE RIGHT ANGLE.



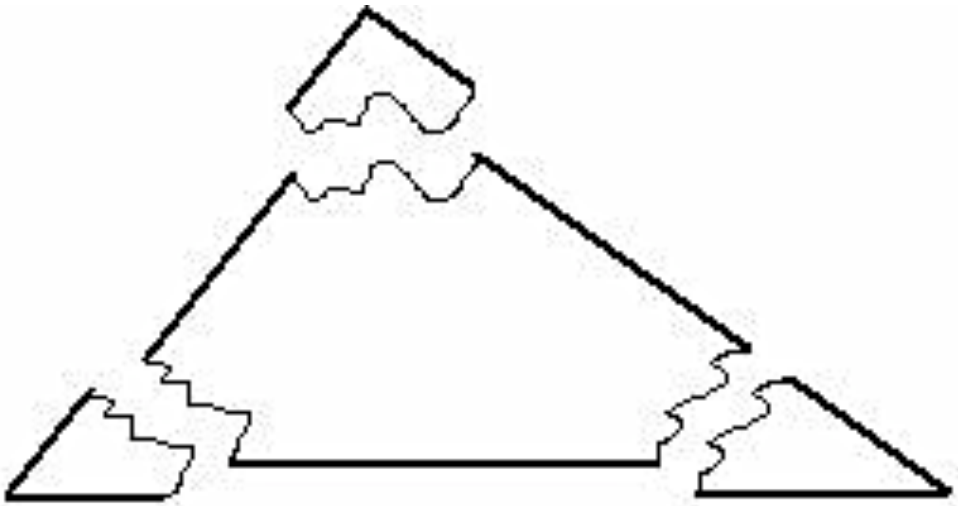
OBTUSE TRIANGLE:

ONE ANGLE IS GREATER THAN 90 DEGREES.

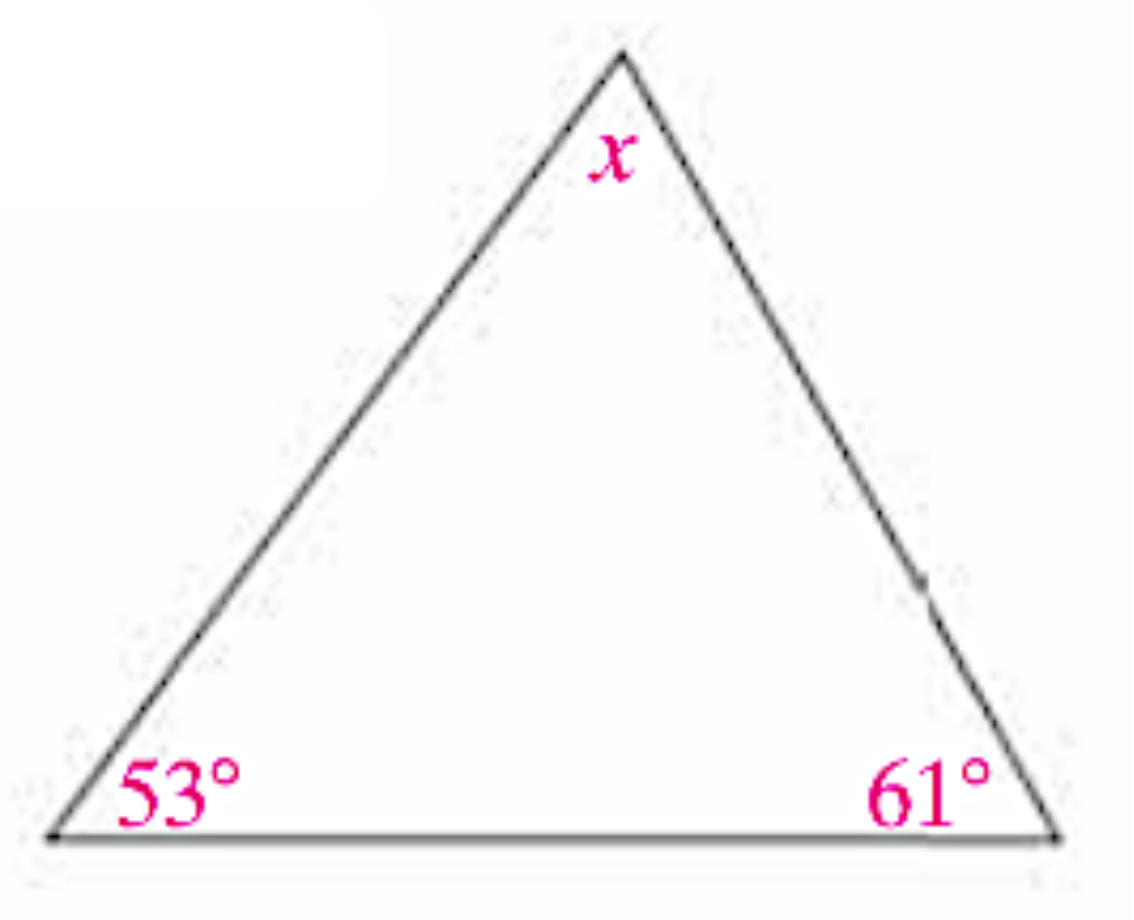
ONE OBTUSE ANGLE.

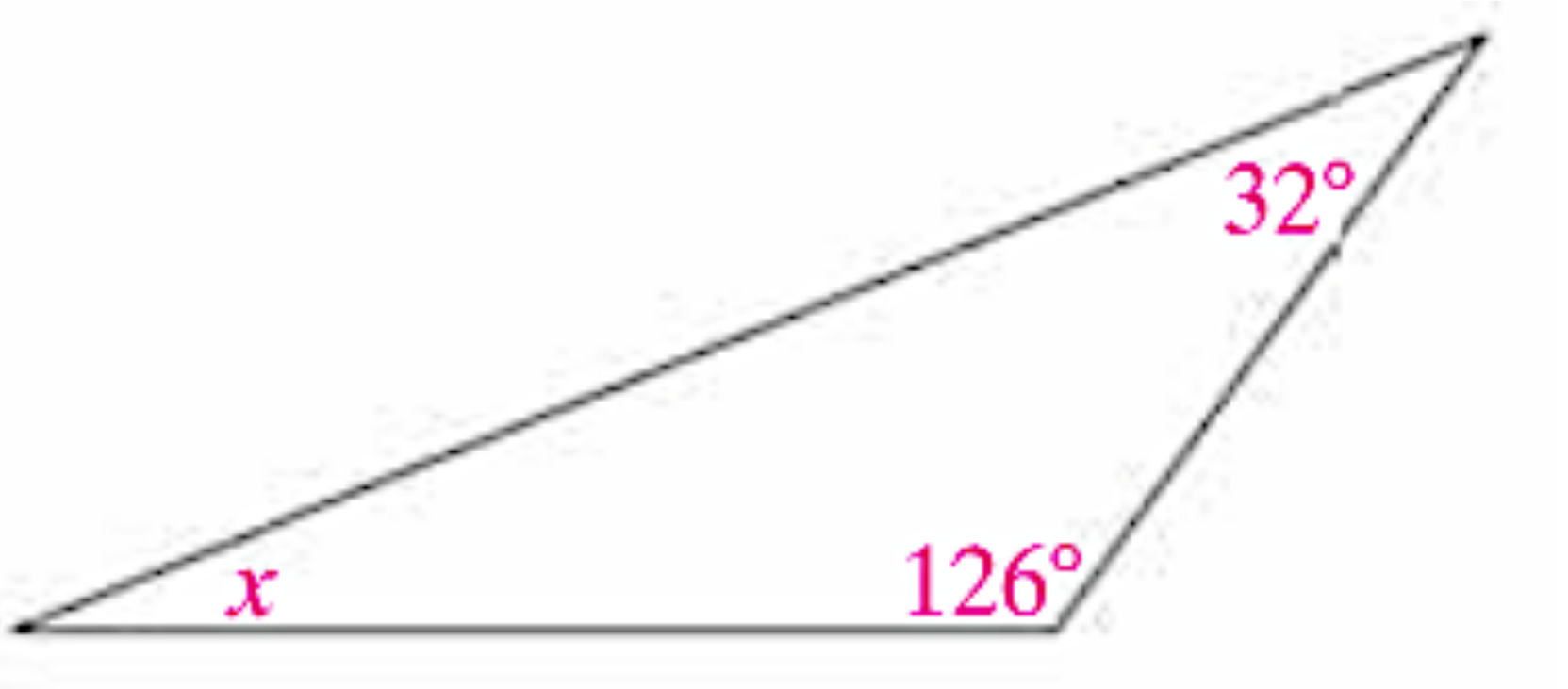


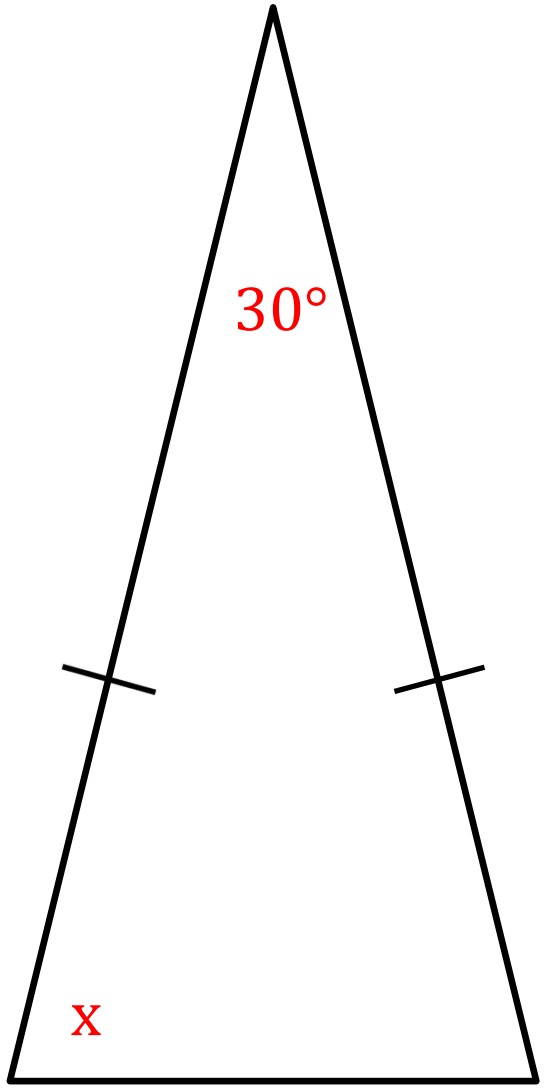
Tearing Triangles

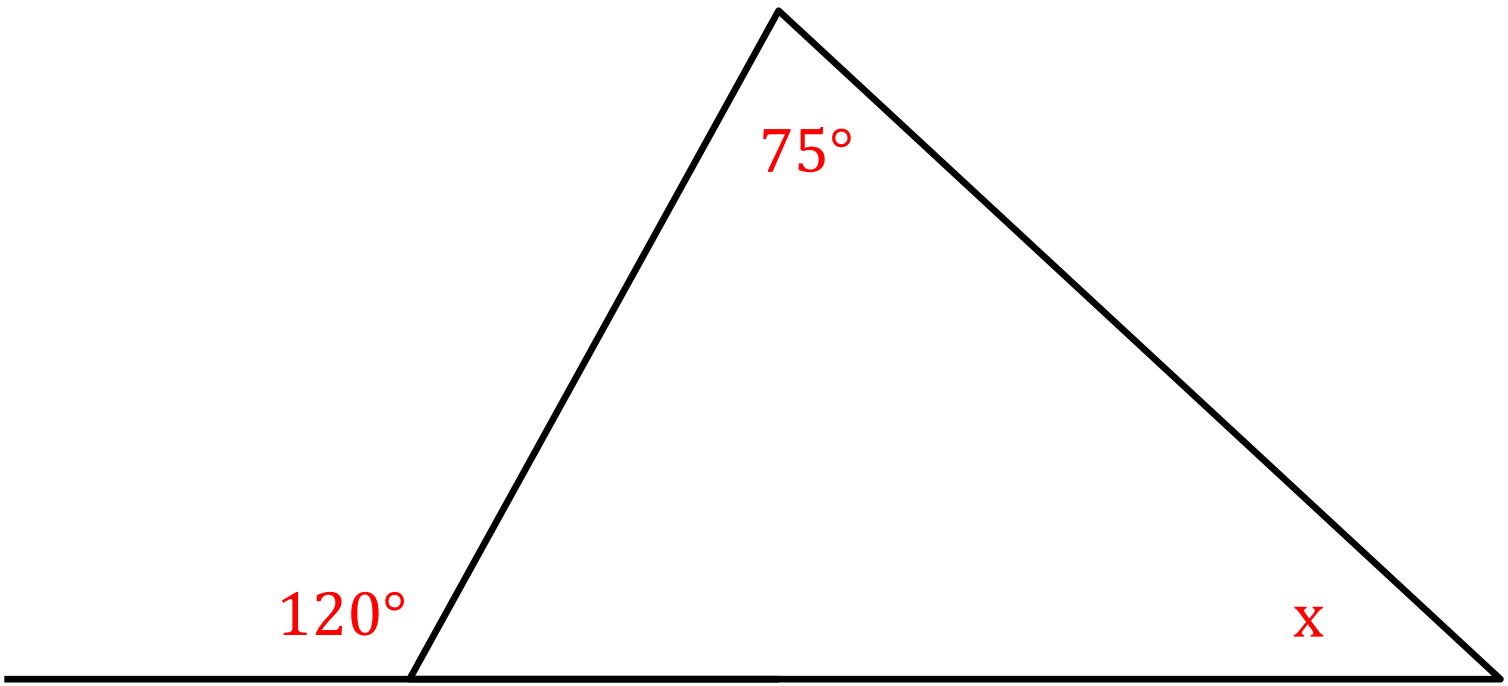


The sum of the angles of ANY triangle is 180 degrees (half a circle).


x
53°
61°


32°
x
126°


30°
x


75°
120°
x