

TYPES OF QUADRILATERALS

1) PARALLELOGRAMS

a) squares

b) rectangles

c) rhombuses

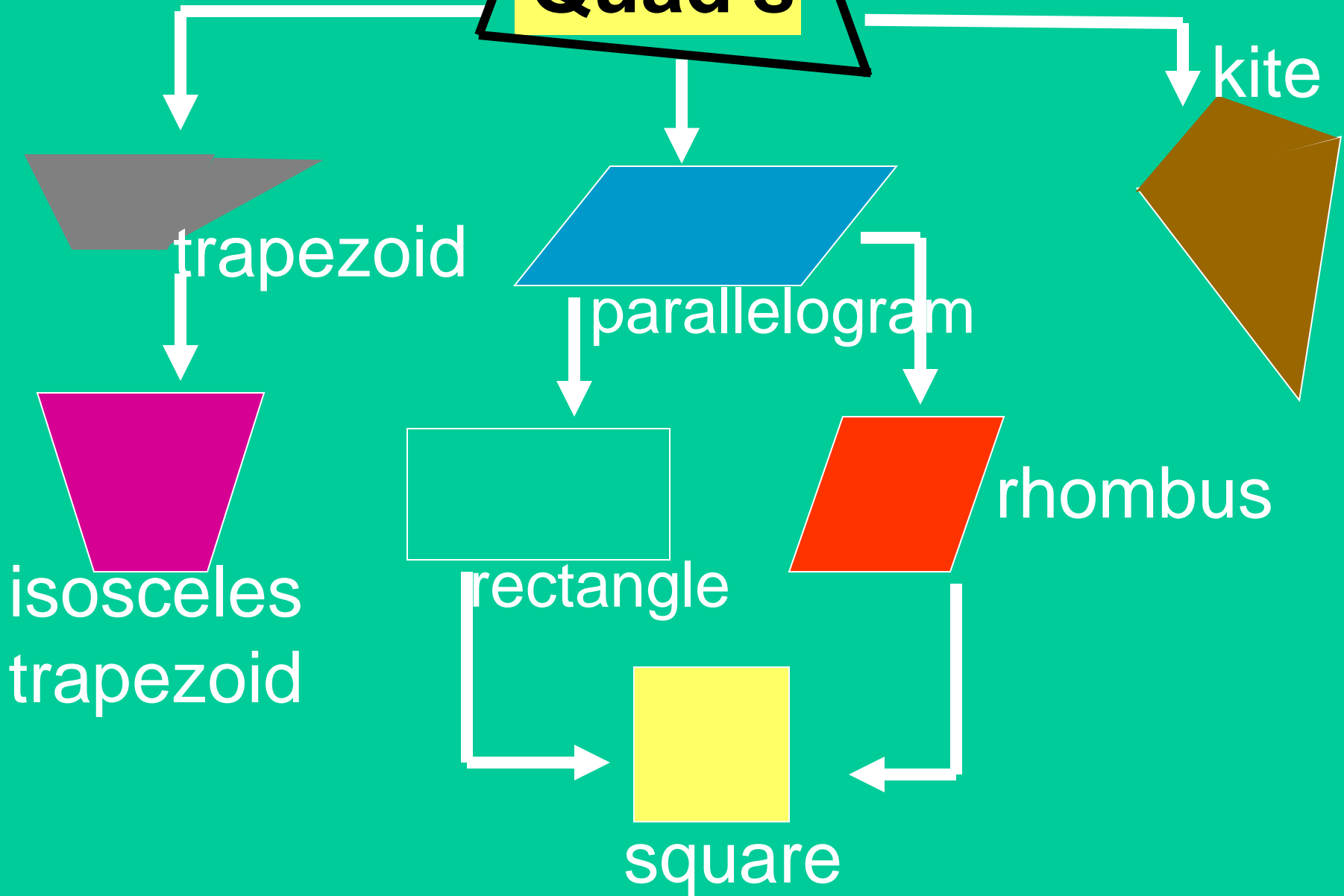
2) TRAPEZOIDS

3) KITES

4) OTHER

Graphic Organizer for

Quad's





Kites

and



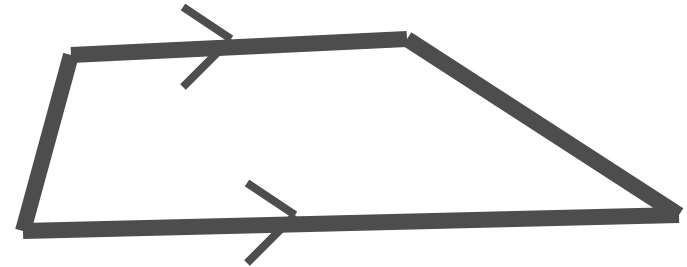
Trapezoids

By Mrs. Pullo

SIDES

Trapezoids

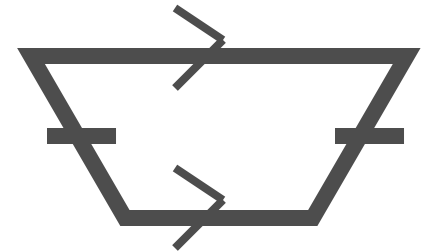
exactly 1 pair of parallel bases



Isosceles Trapezoids

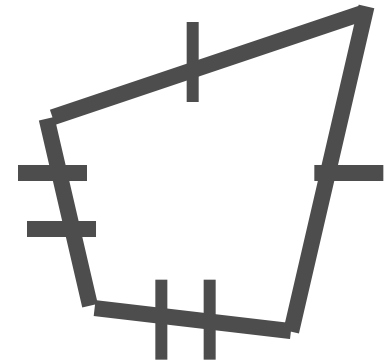
exactly 1 pair of parallel bases

exactly 1 pair of congruent legs



Kites

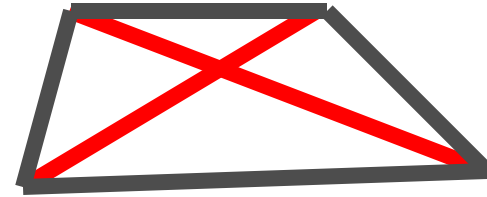
2 pairs of consecutive congruent sides



DIAGONALS

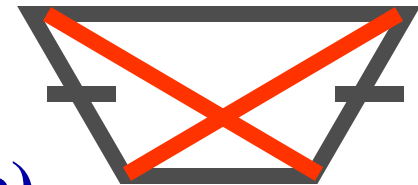
Trapezoids

diagonals: not special



Isosceles Trapezoids

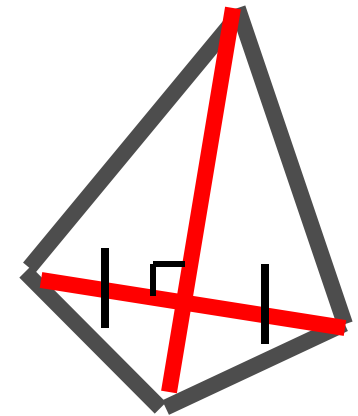
diagonals: congruent (like a rectangle)



Kites

diagonals: perpendicular (like a rhombus)

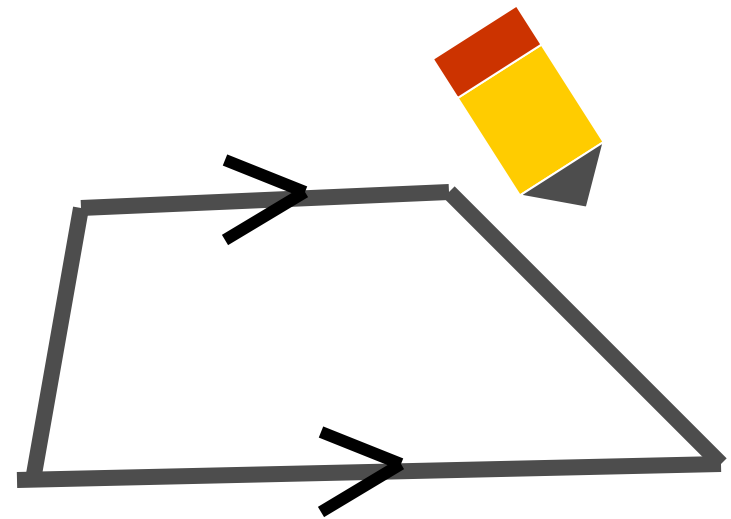
Short diagonal is bisected.



ANGLES

Trapezoids:

additional notes:

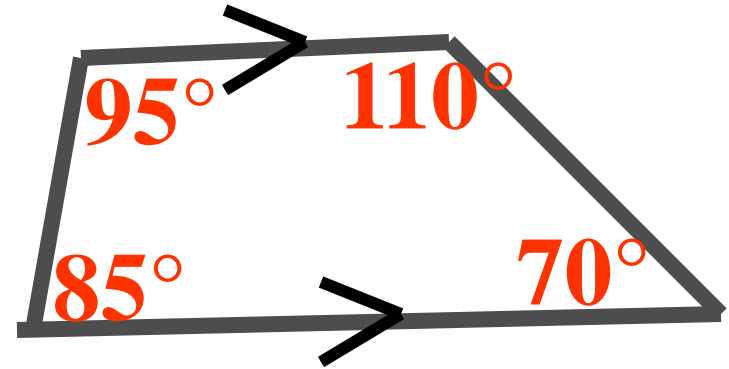


“consecutive angles between
parallels are supplementary”.

ANGLES

Trapezoids:

additional notes:

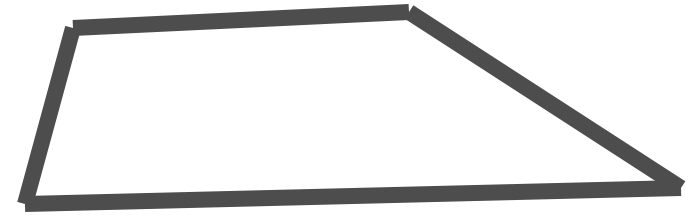


“consecutive angles between
parallels are supplementary”.

ANGLES

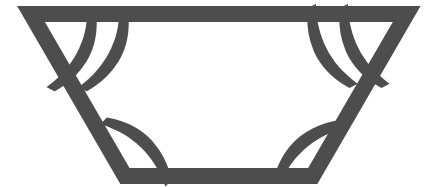
Trapezoids

no angles equal
(necessarily)



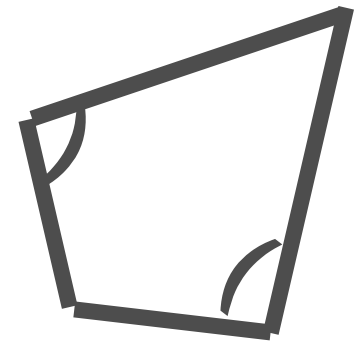
- Isosceles Trapezoids

base angle pairs equal



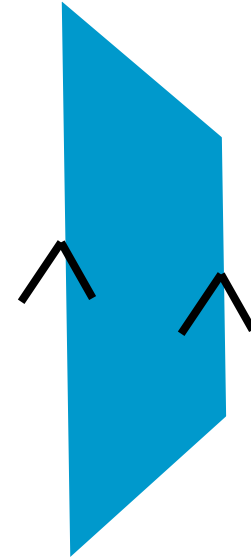
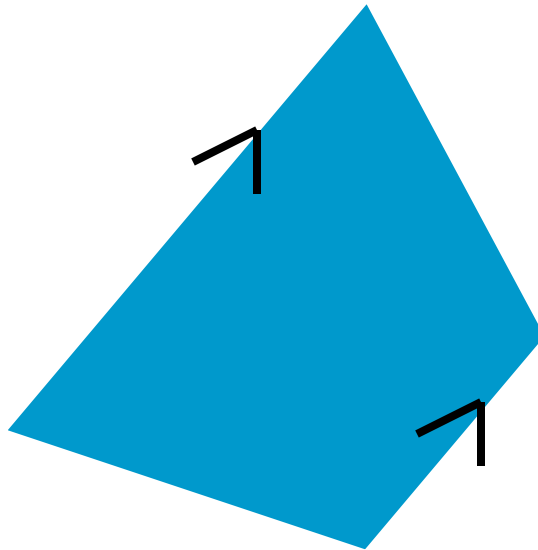
Kites

angles between
short/long sides equal



REMINDER

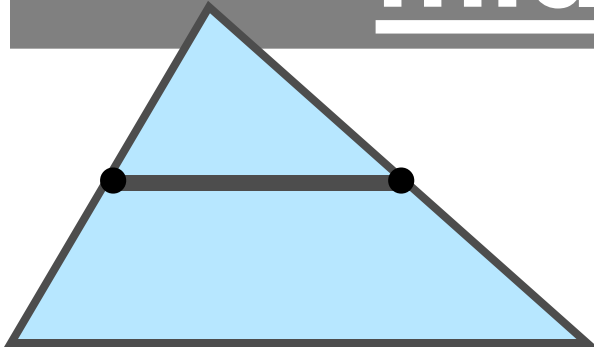
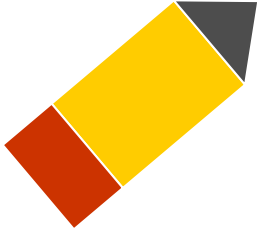
The parallel sides of a trapezoid are not always horizontal:



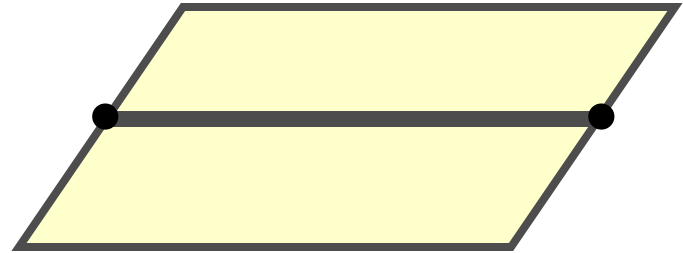
Midsegments in

Triangles,
Trapezoids,
and Parallelograms

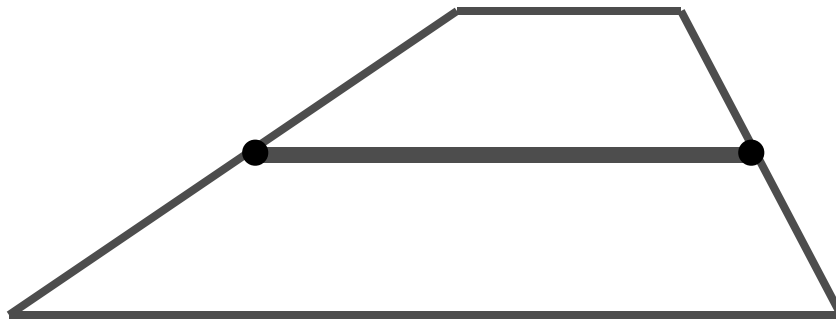
Midsegments connect
midpoints.



triangle

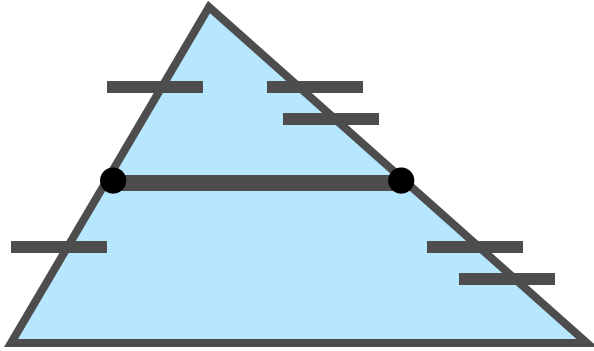


parallelogram

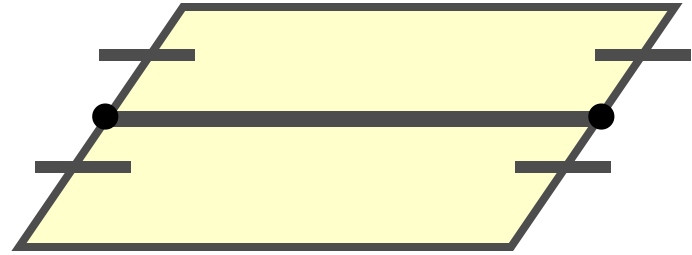


trapezoid

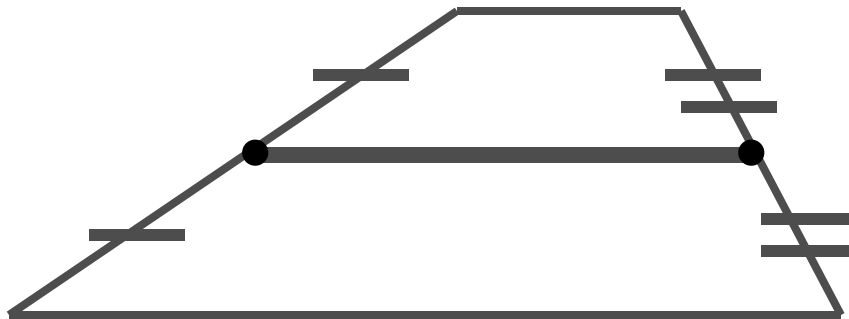
Midsegments connect midpoints.



triangle

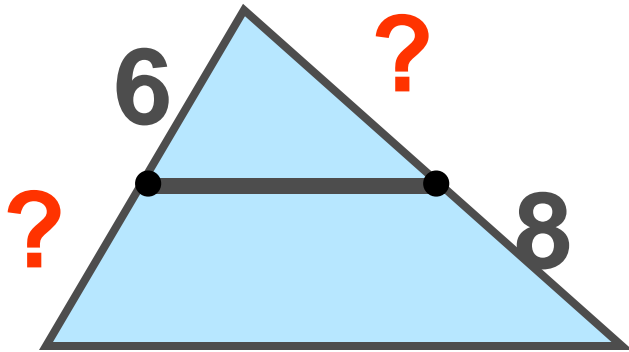


parallelogram

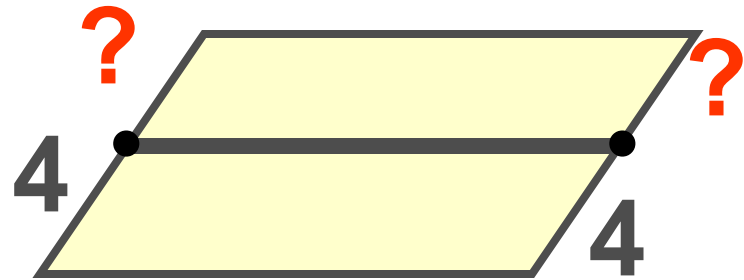


trapezoid

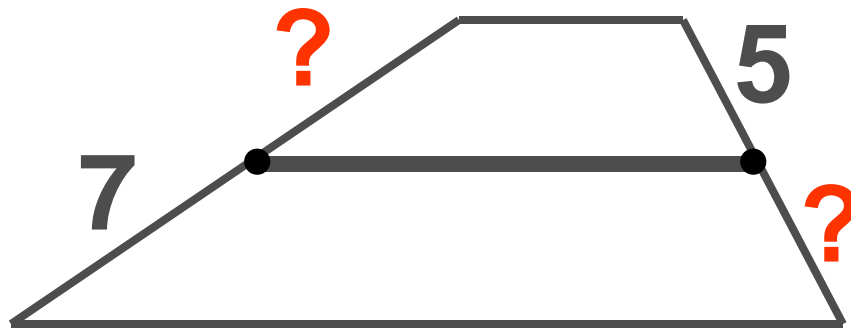
Midsegments connect midpoints.



triangle

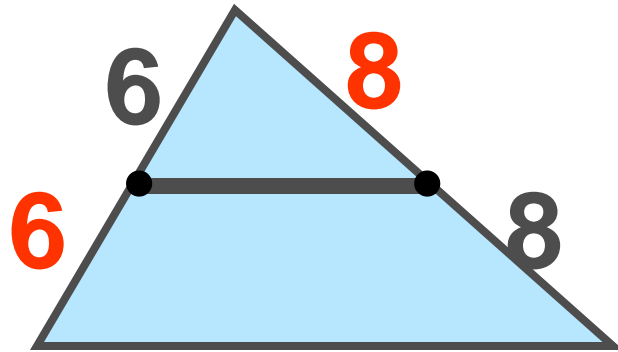


parallelogram

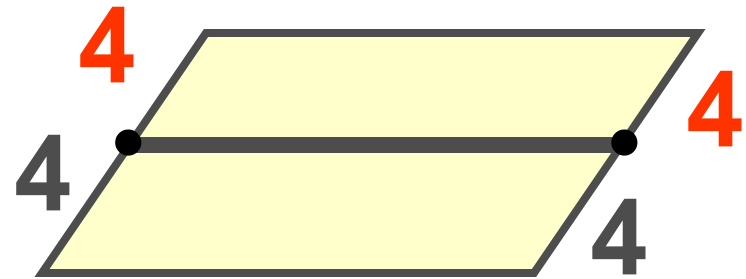


trapezoid

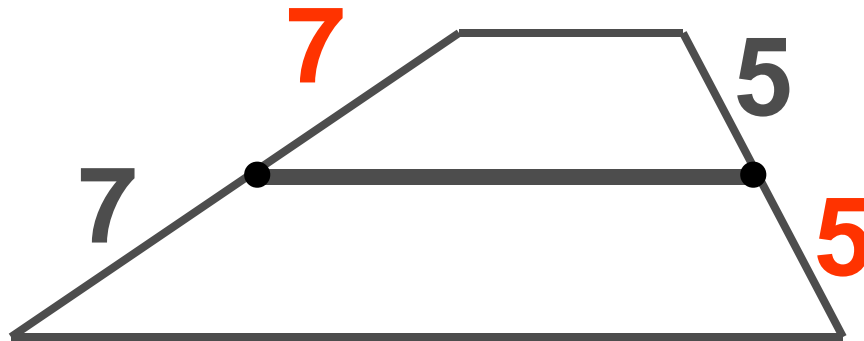
Midsegments connect midpoints.



triangle



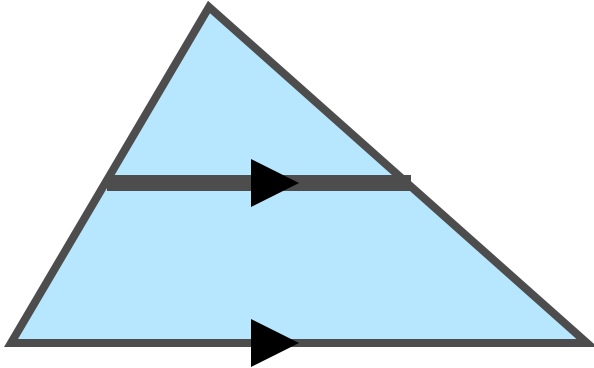
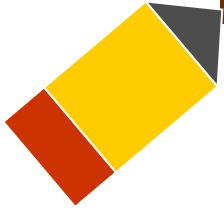
parallelogram



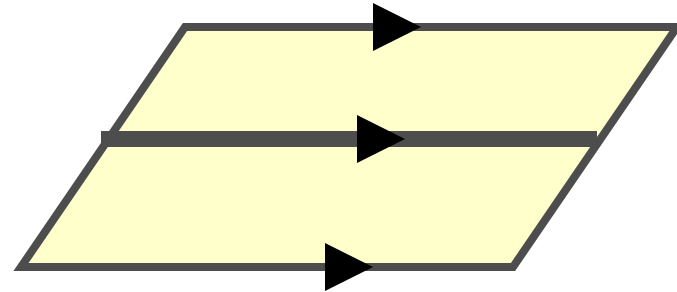
trapezoid

Red #'s

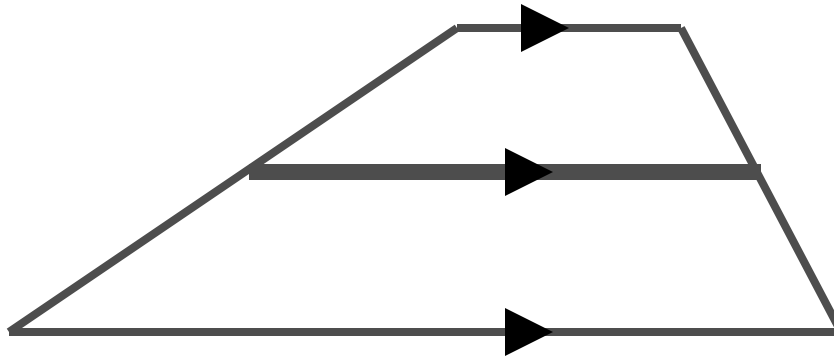
A Midsegment is parallel
to the base(s).



triangle

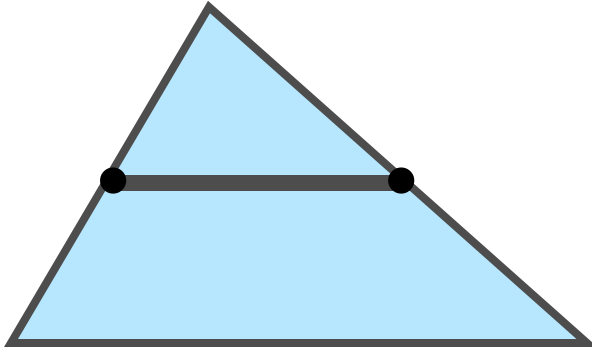


parallelogram

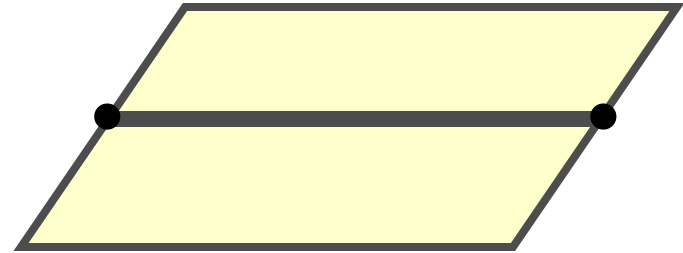


trapezoid

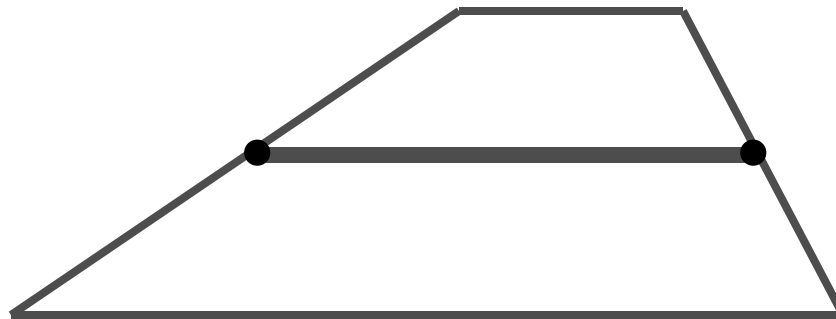
A Midsegment is half the length of the base(s).



triangle

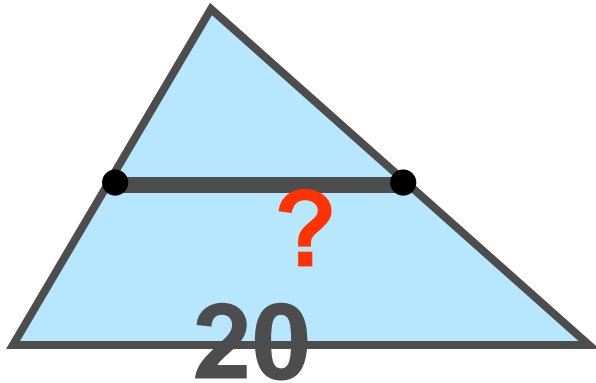


parallelogram

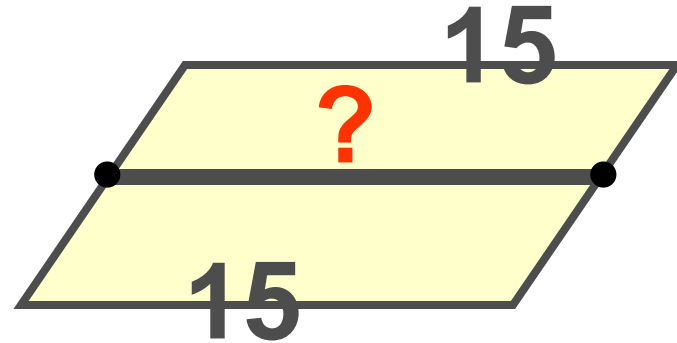


trapezoid

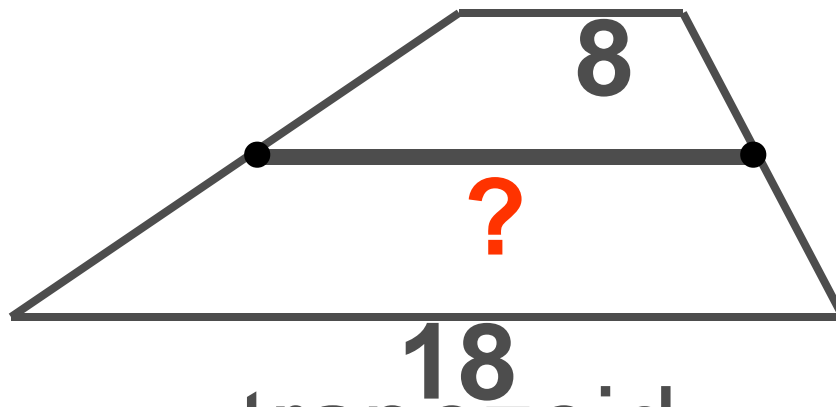
A Midsegment is half the length of the base(s).



triangle

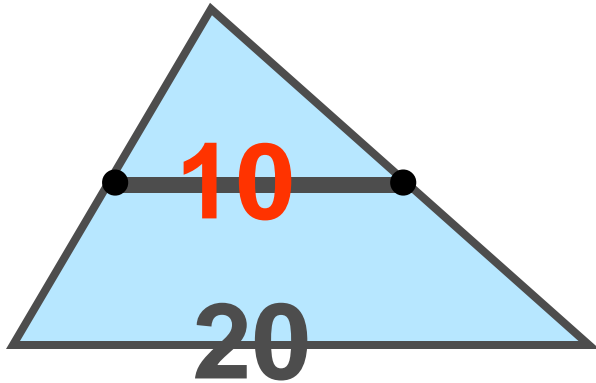


parallelogram

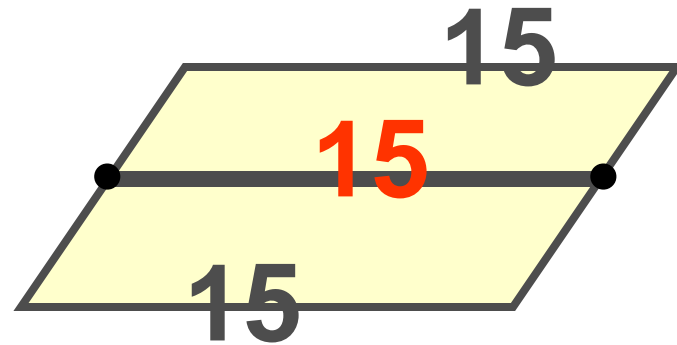


trapezoid

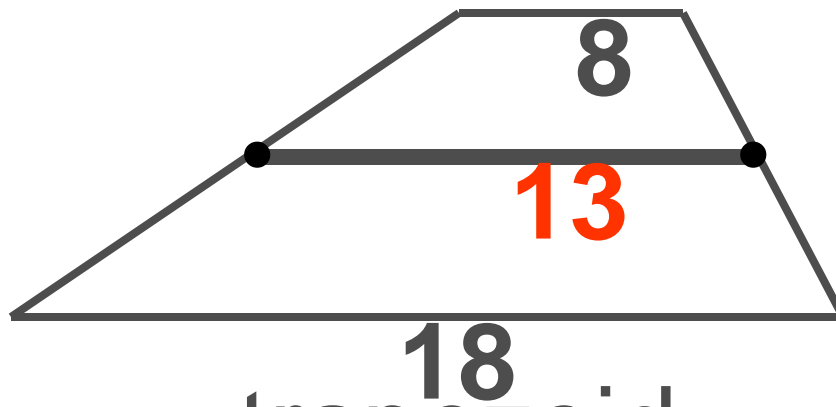
A Midsegment is half the length of the base(s).



triangle

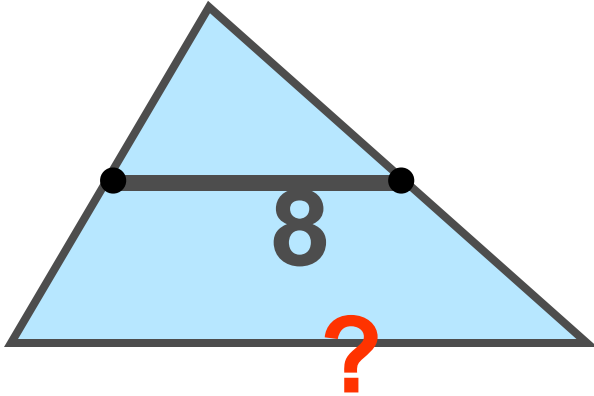


parallelogram

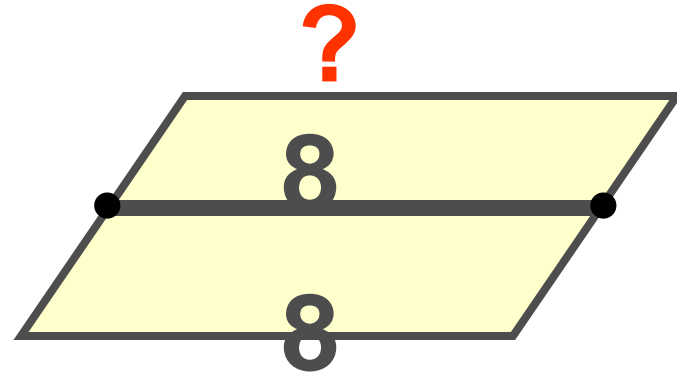


trapezoid

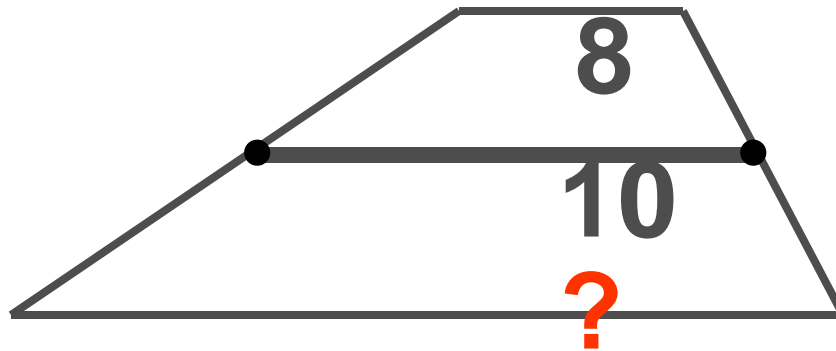
A Midsegment is half the length of the base(s).



triangle

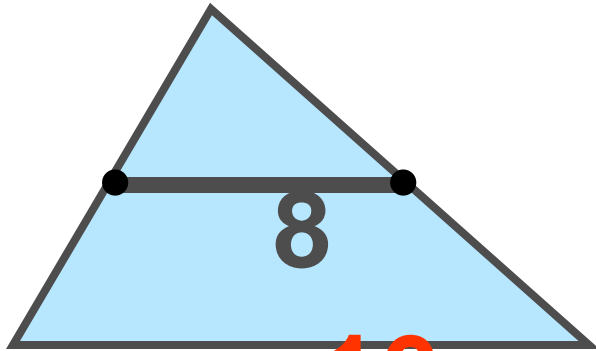


parallelogram

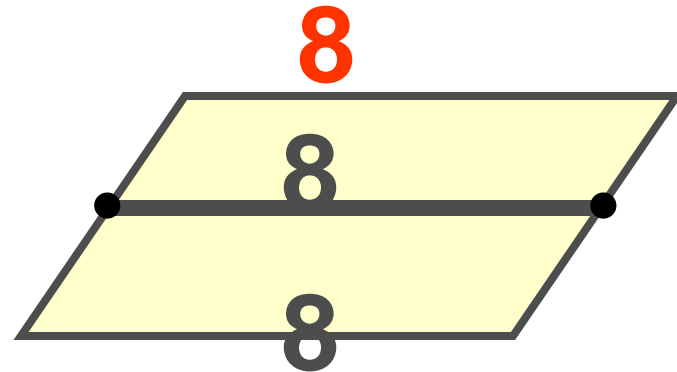


trapezoid

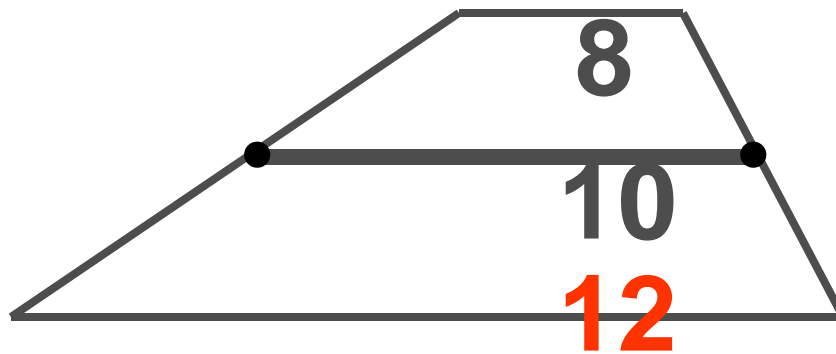
A Midsegment is half the length of the base(s).



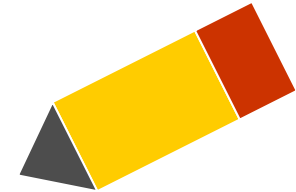
triangle



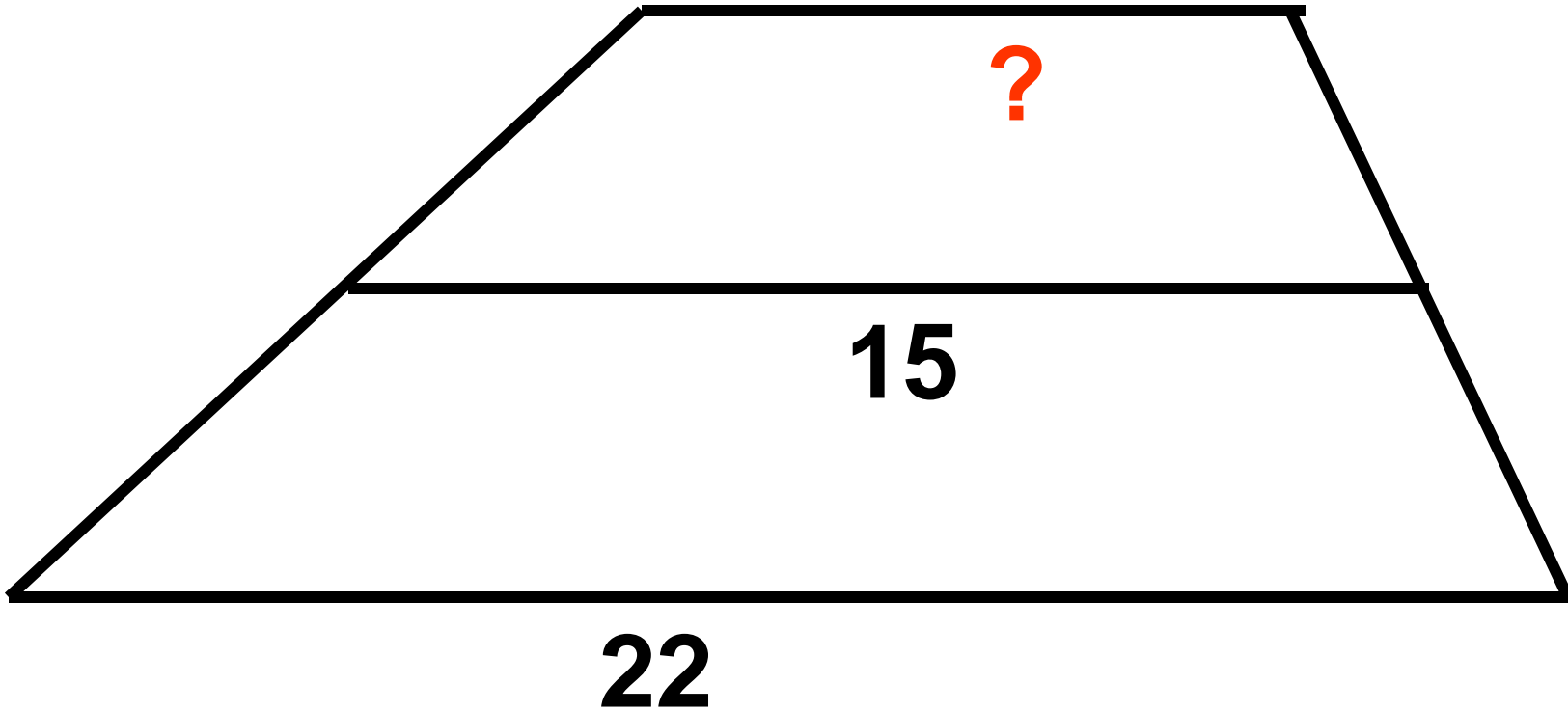
parallelogram



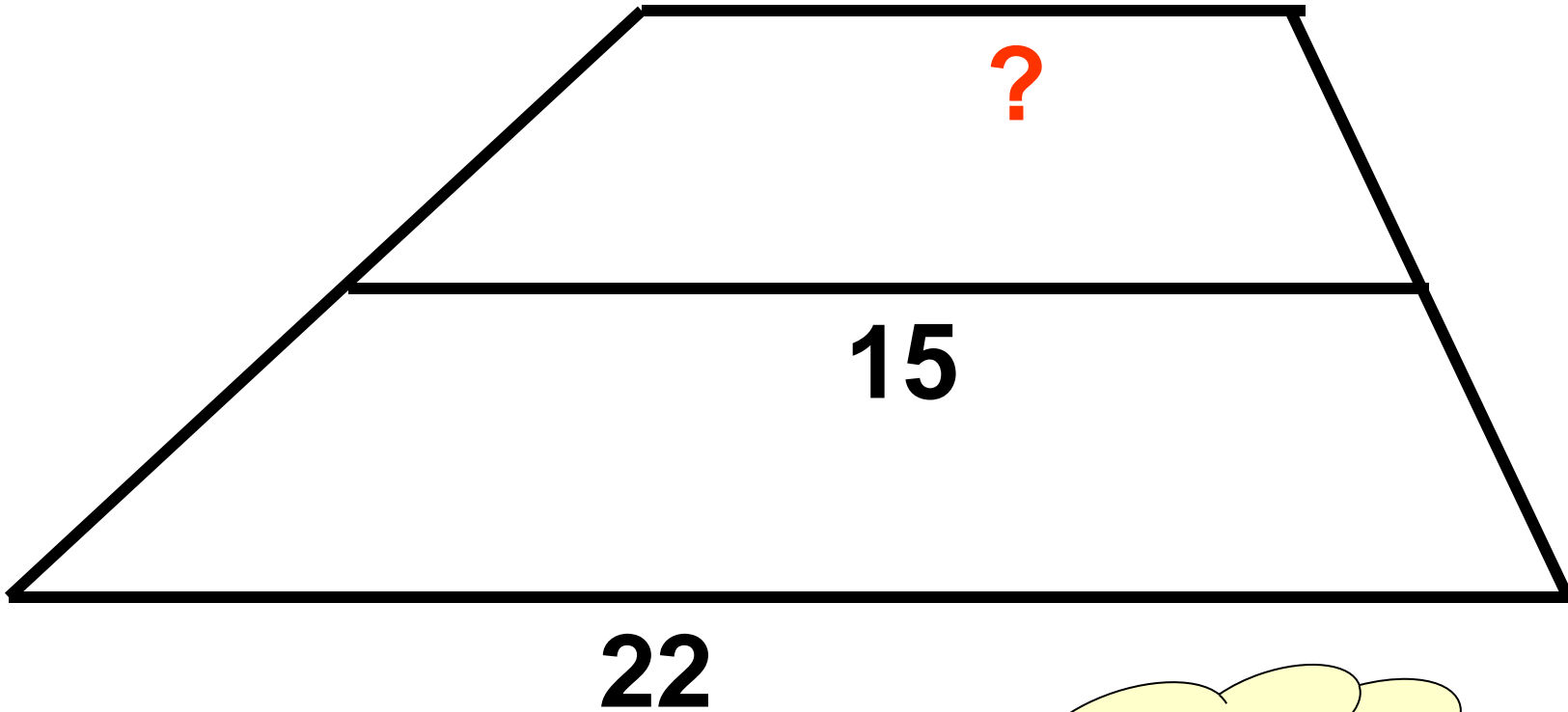
trapezoid



Midsegment in a Trapezoid

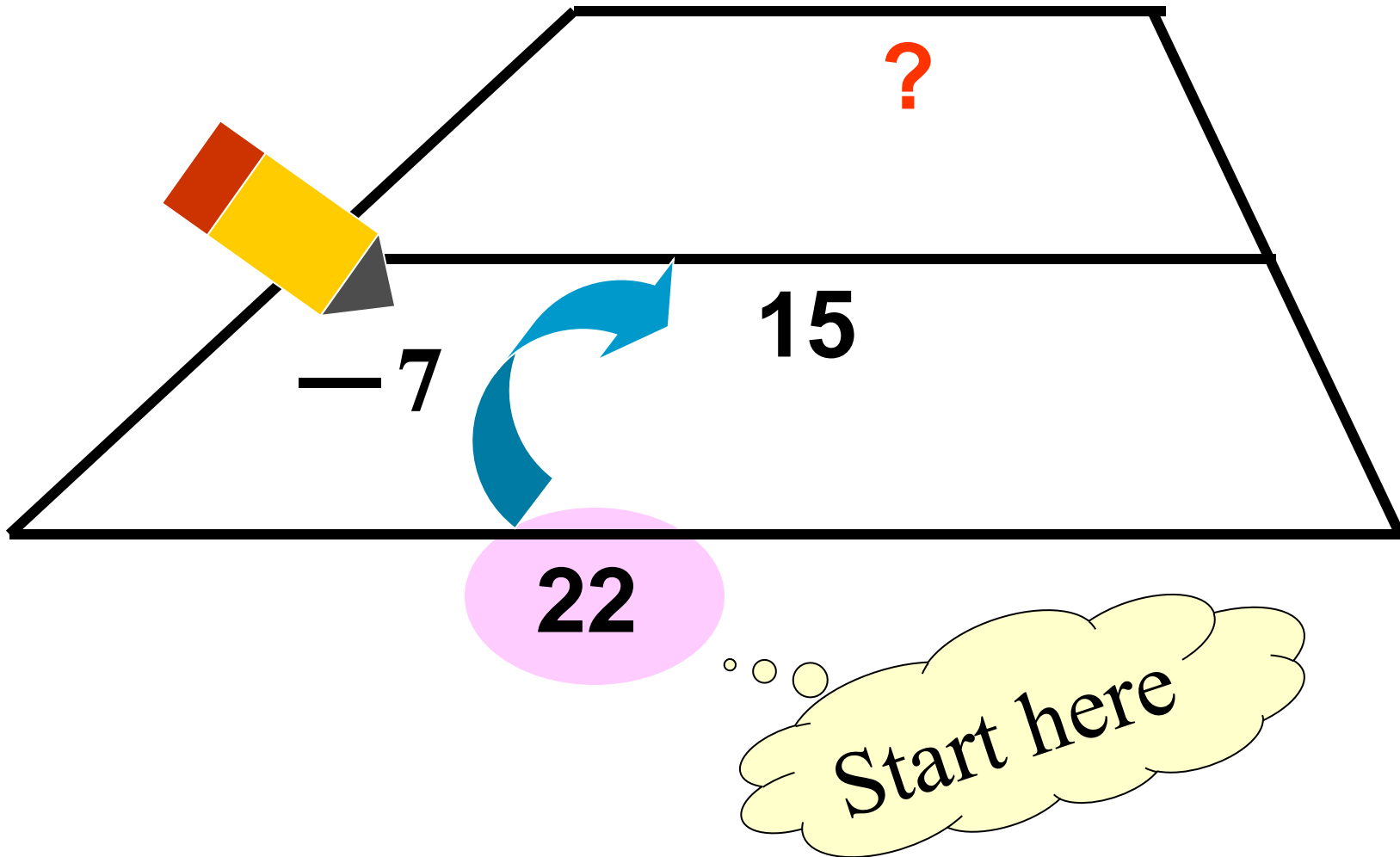


Midsegment in a Trapezoid

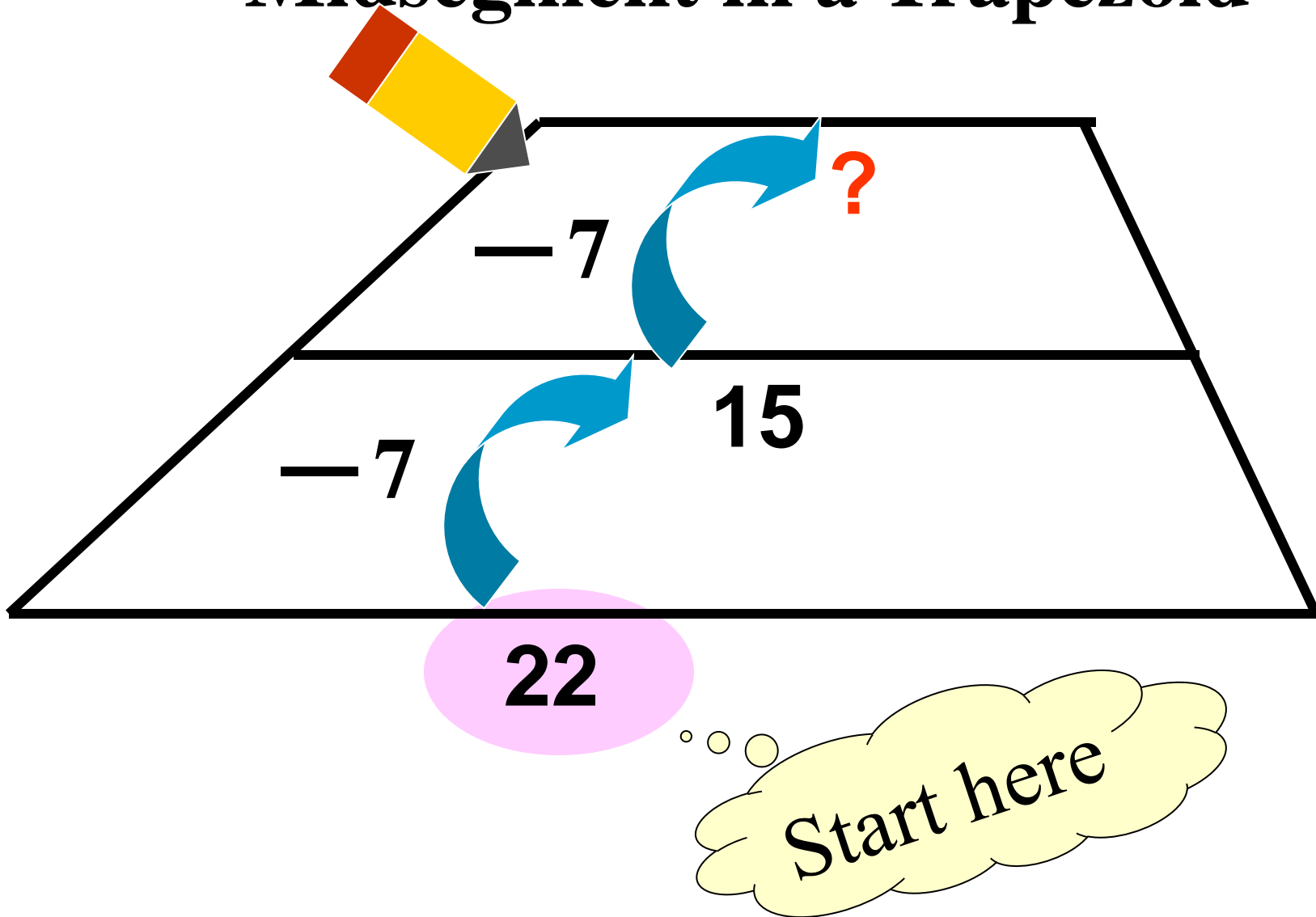


Start here

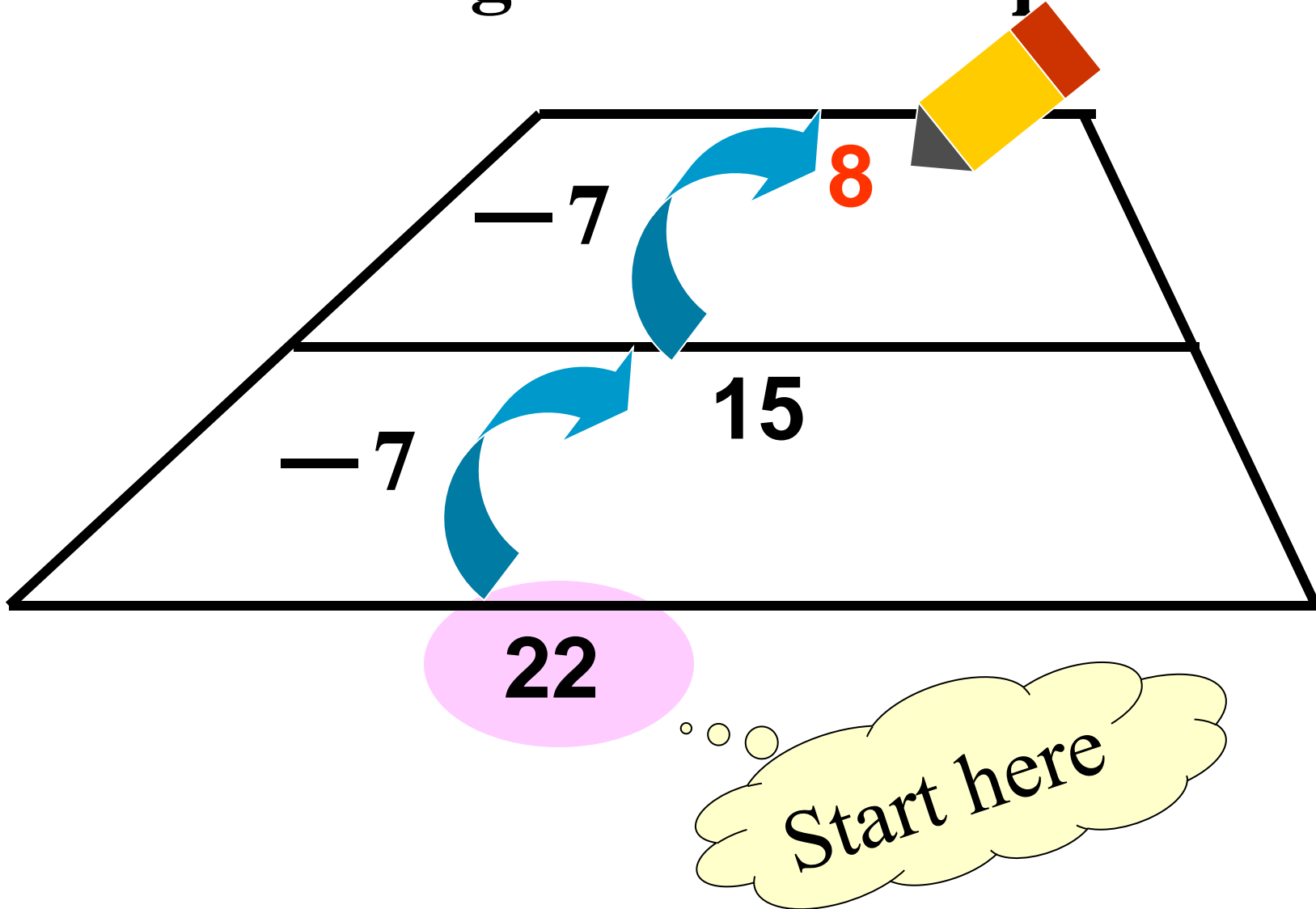
Midsegment in a Trapezoid



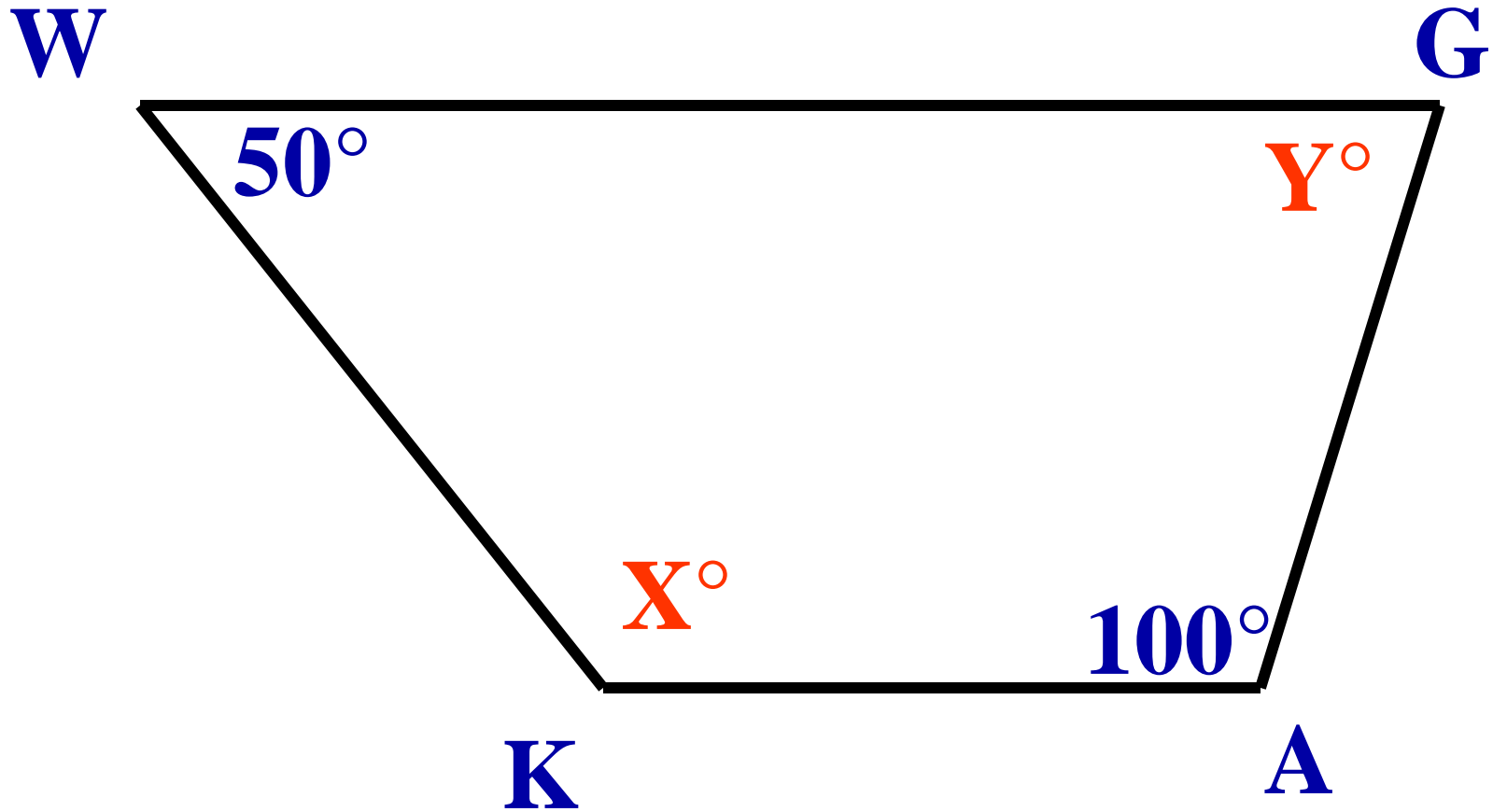
Midsegment in a Trapezoid



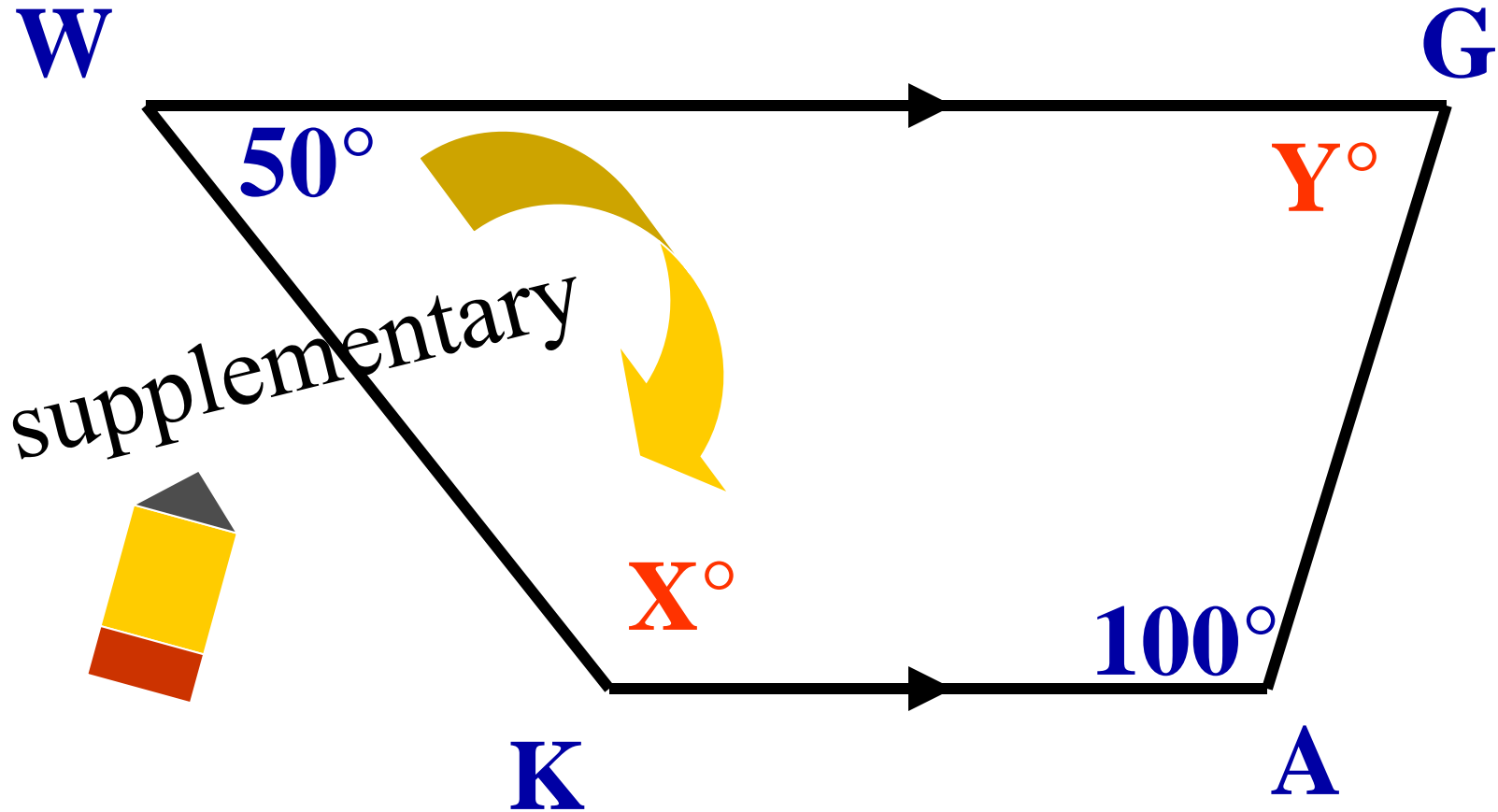
Midsegment in a Trapezoid



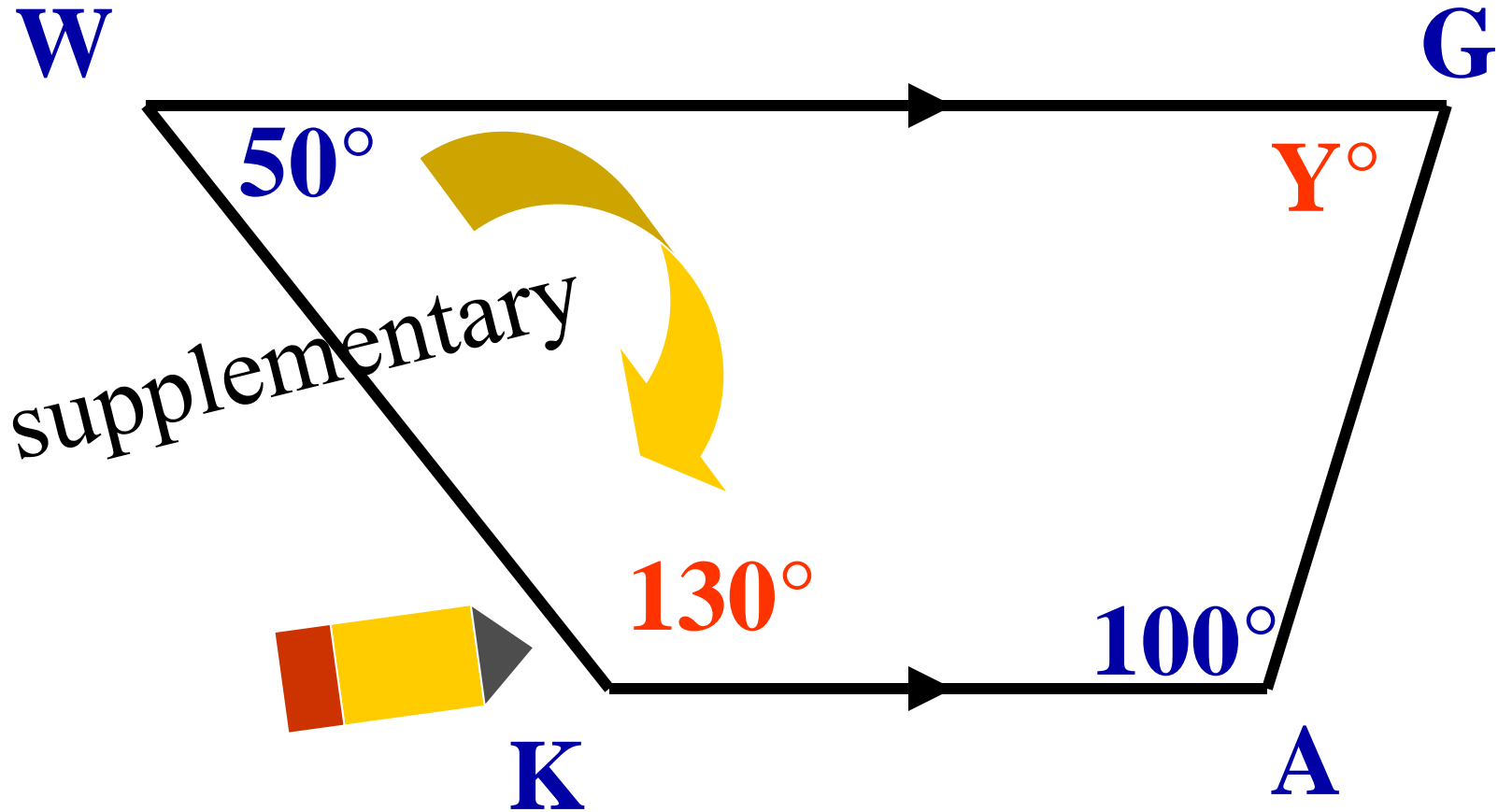
Angles in a Trapezoid



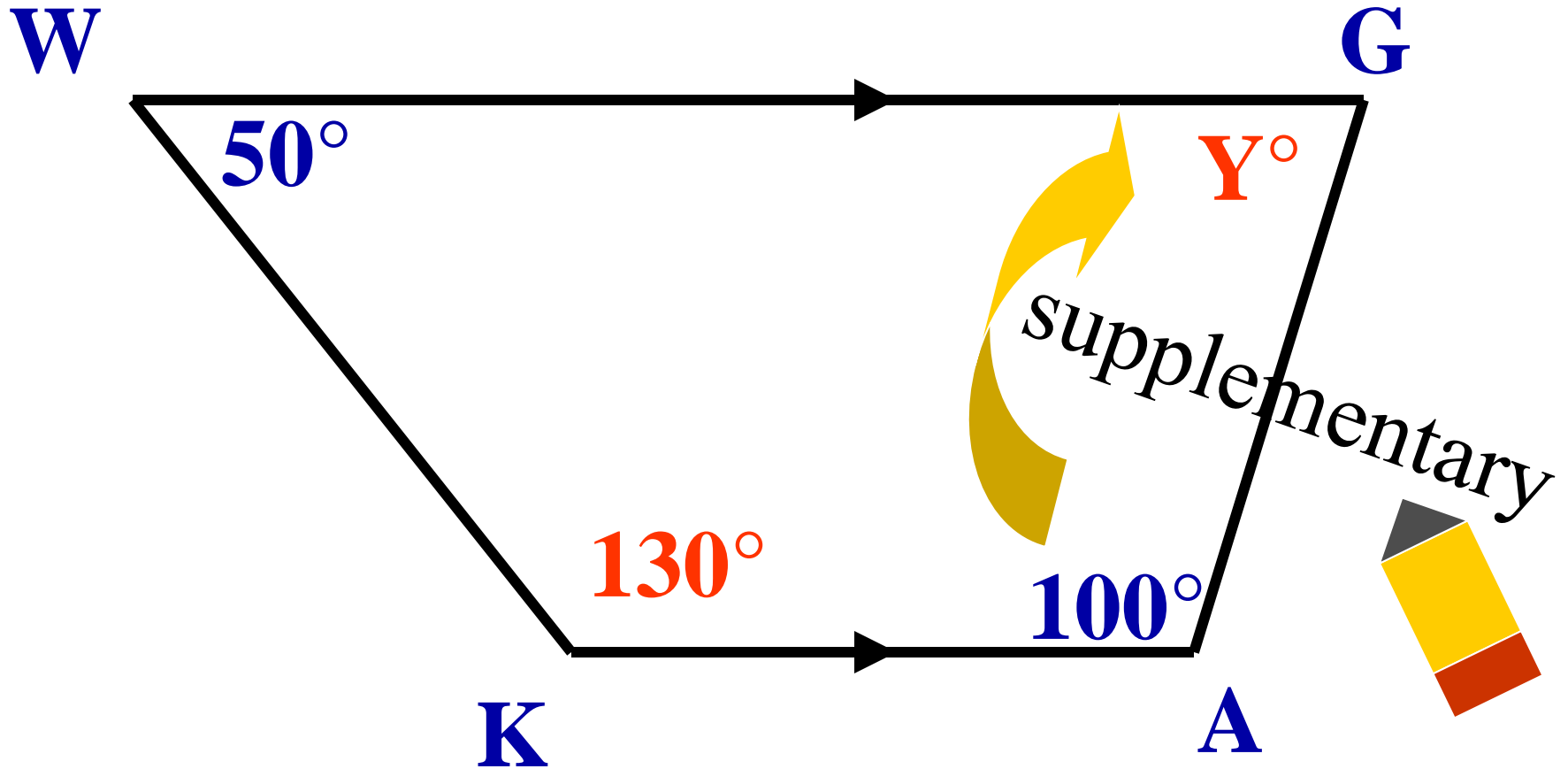
Angles in a Trapezoid



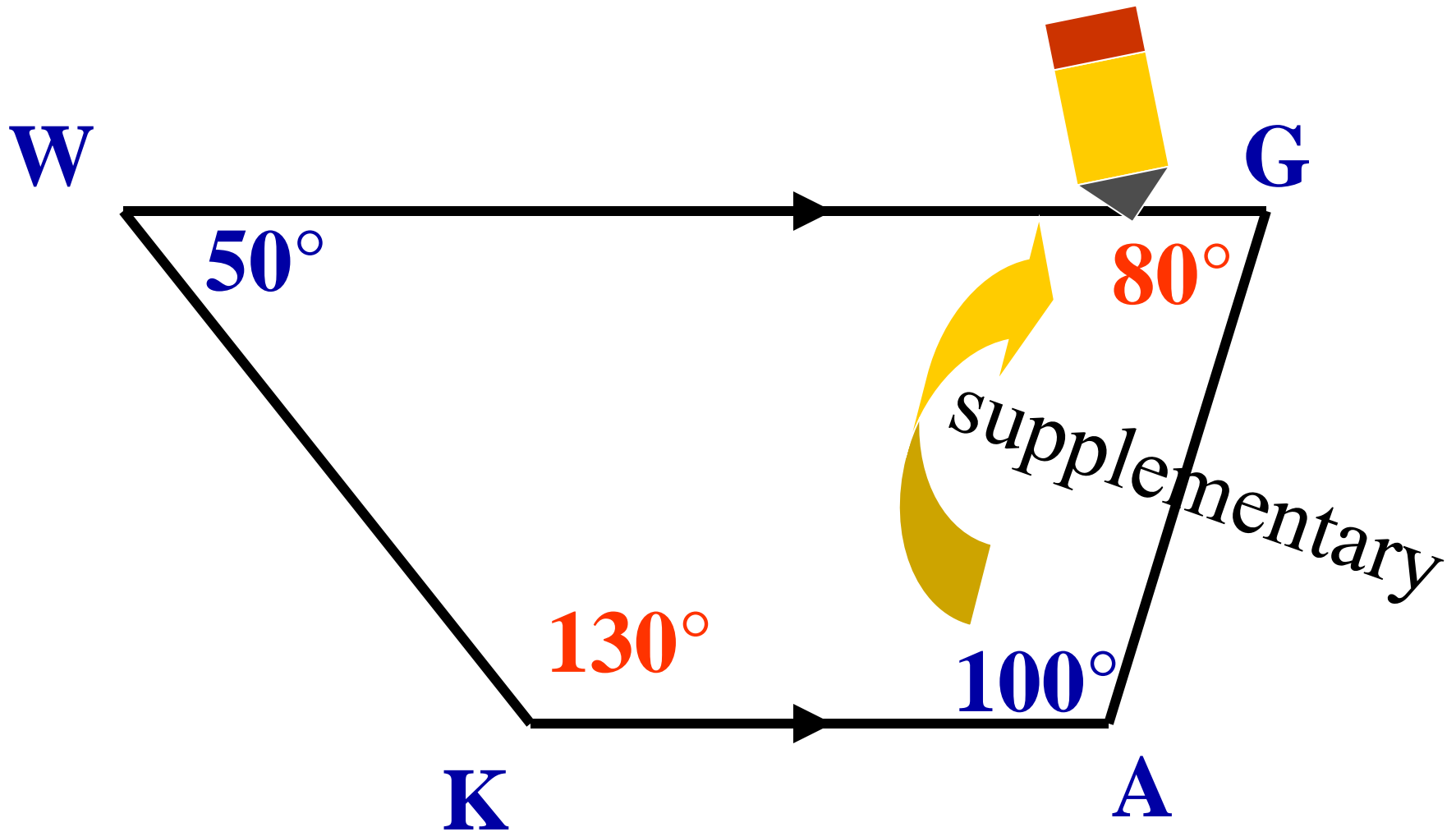
Angles in a Trapezoid



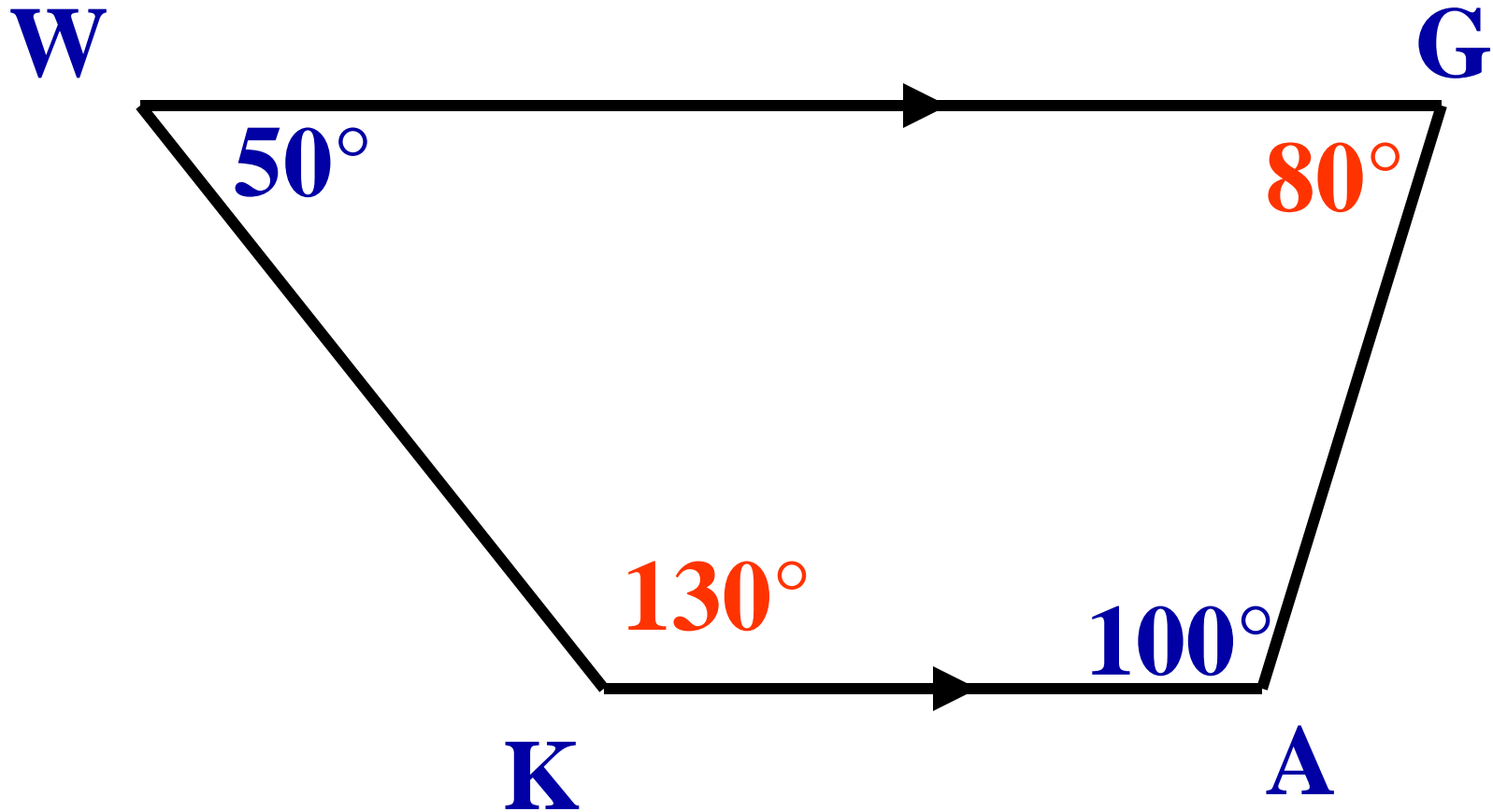
Angles in a Trapezoid



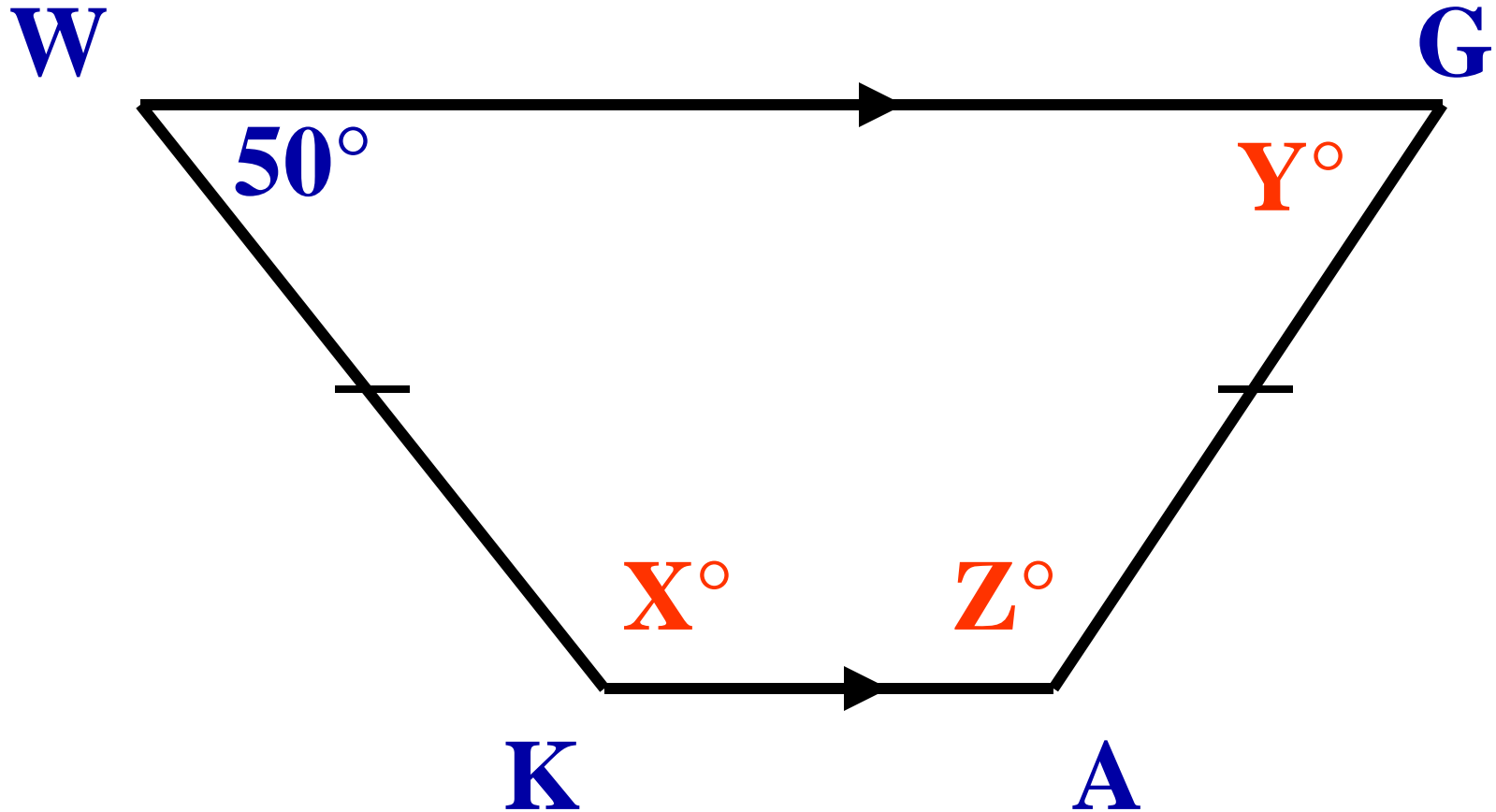
Angles in a Trapezoid



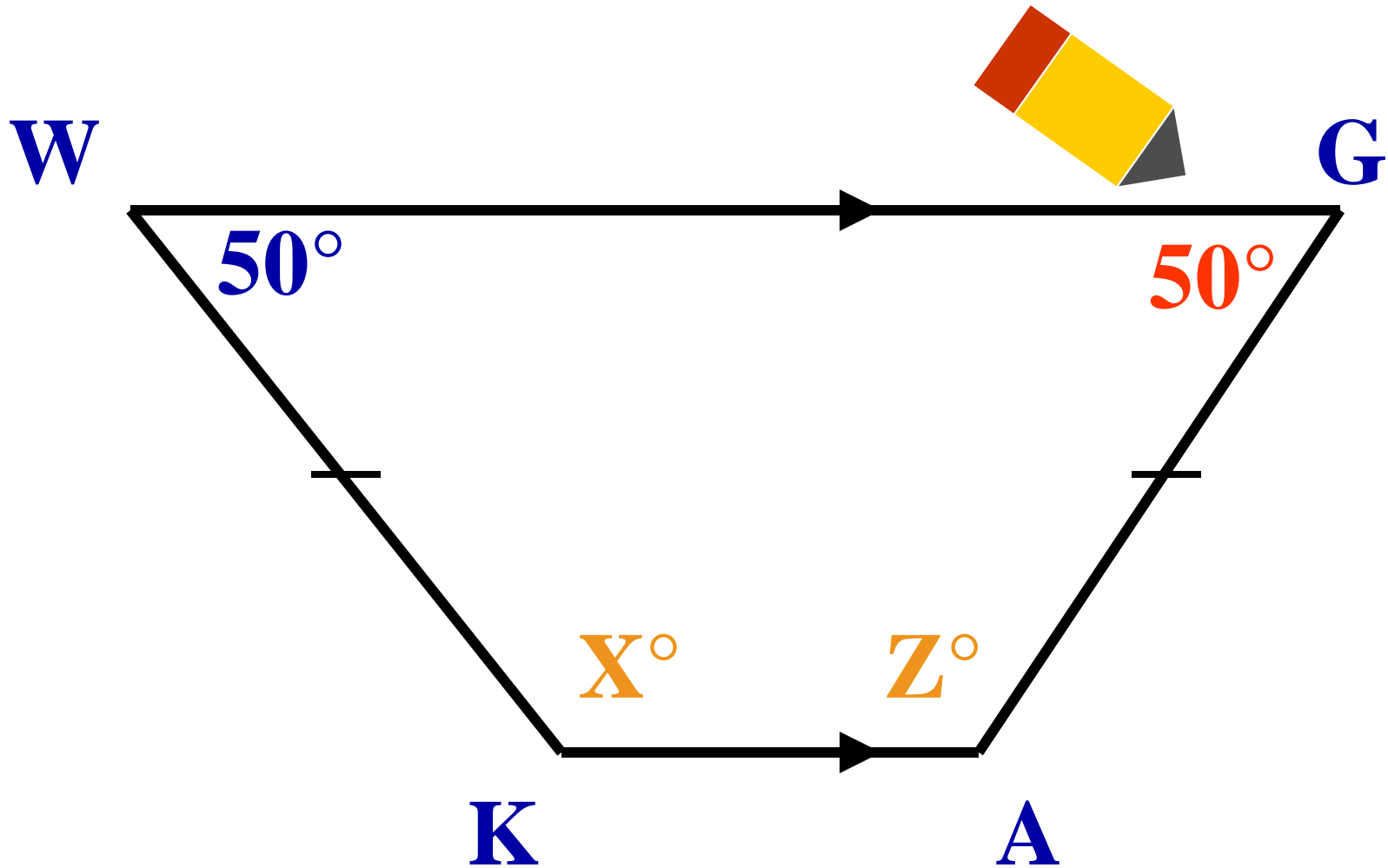
Angles in a Trapezoid



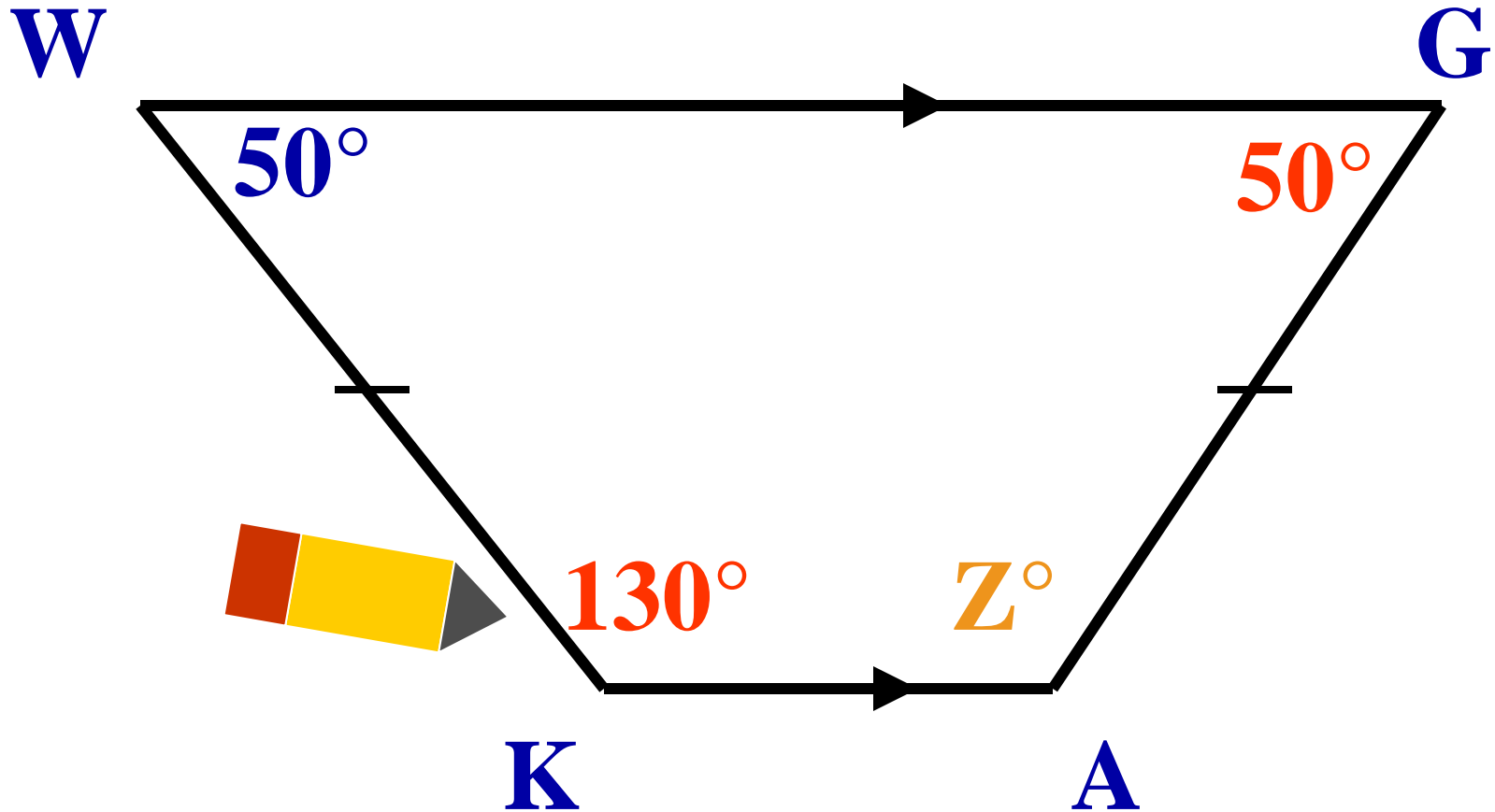
Angles in an Isosceles Trapezoid



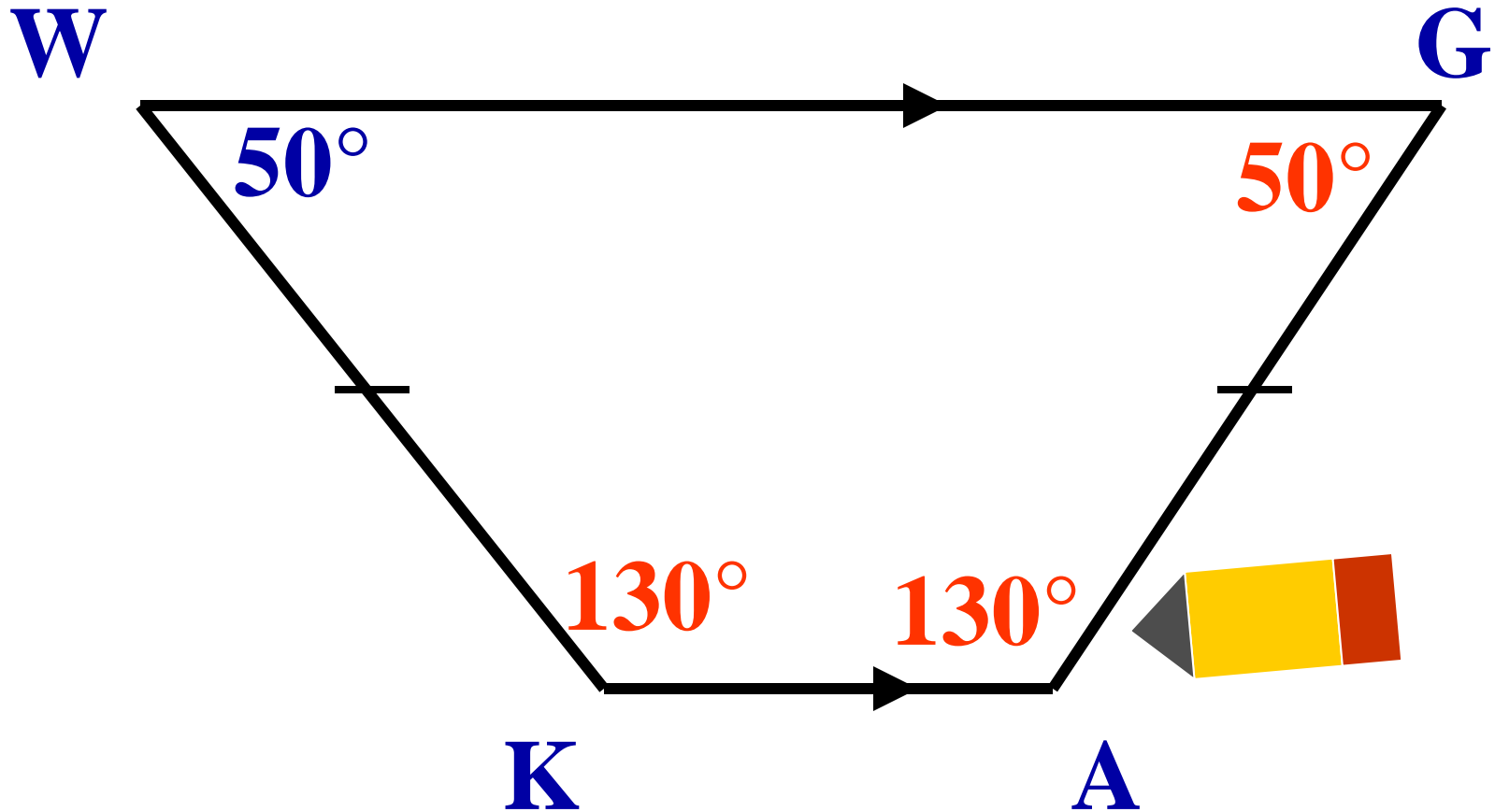
Angles in an Isosceles Trapezoid



Angles in an Isosceles Trapezoid

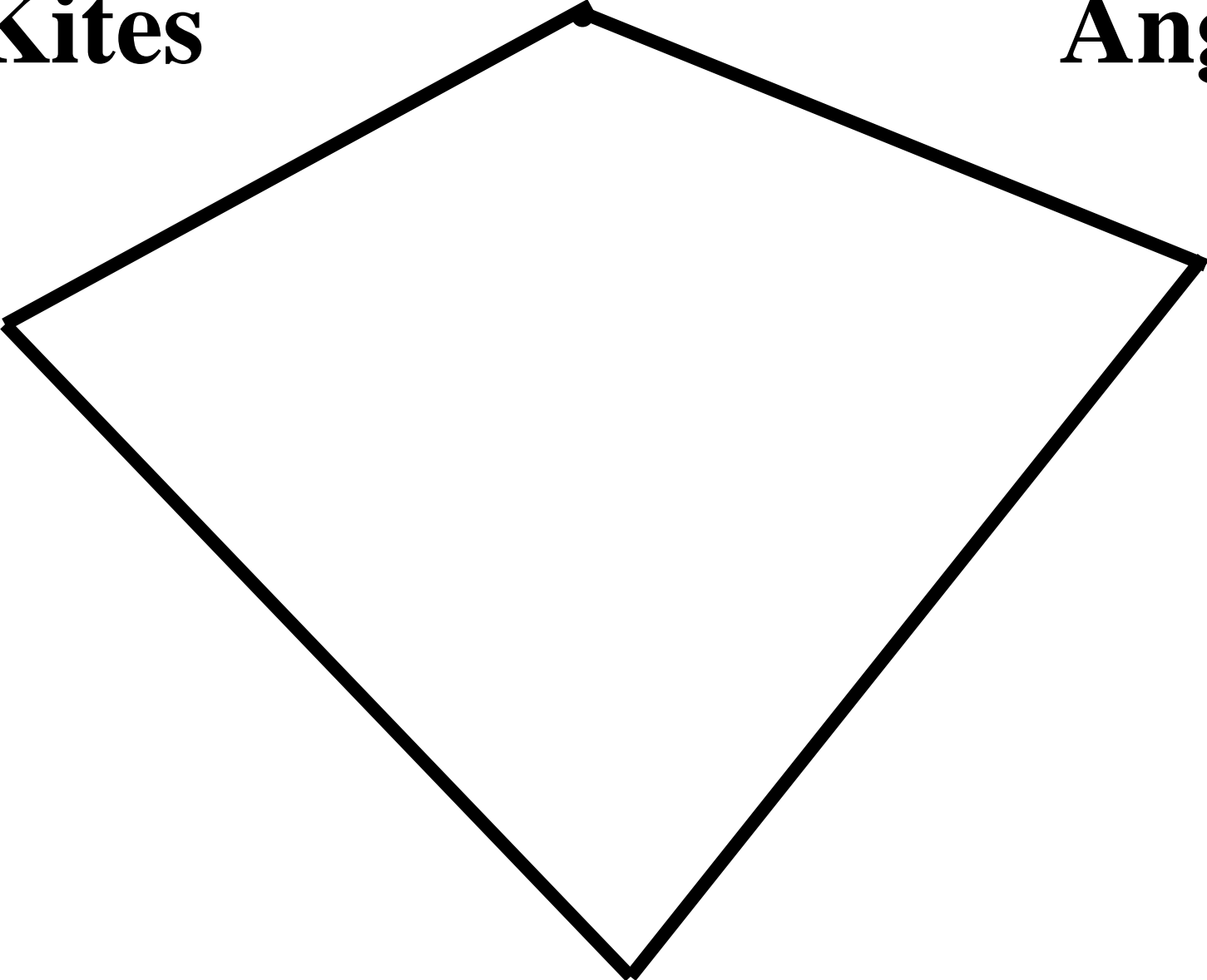


Angles in an Isosceles Trapezoid



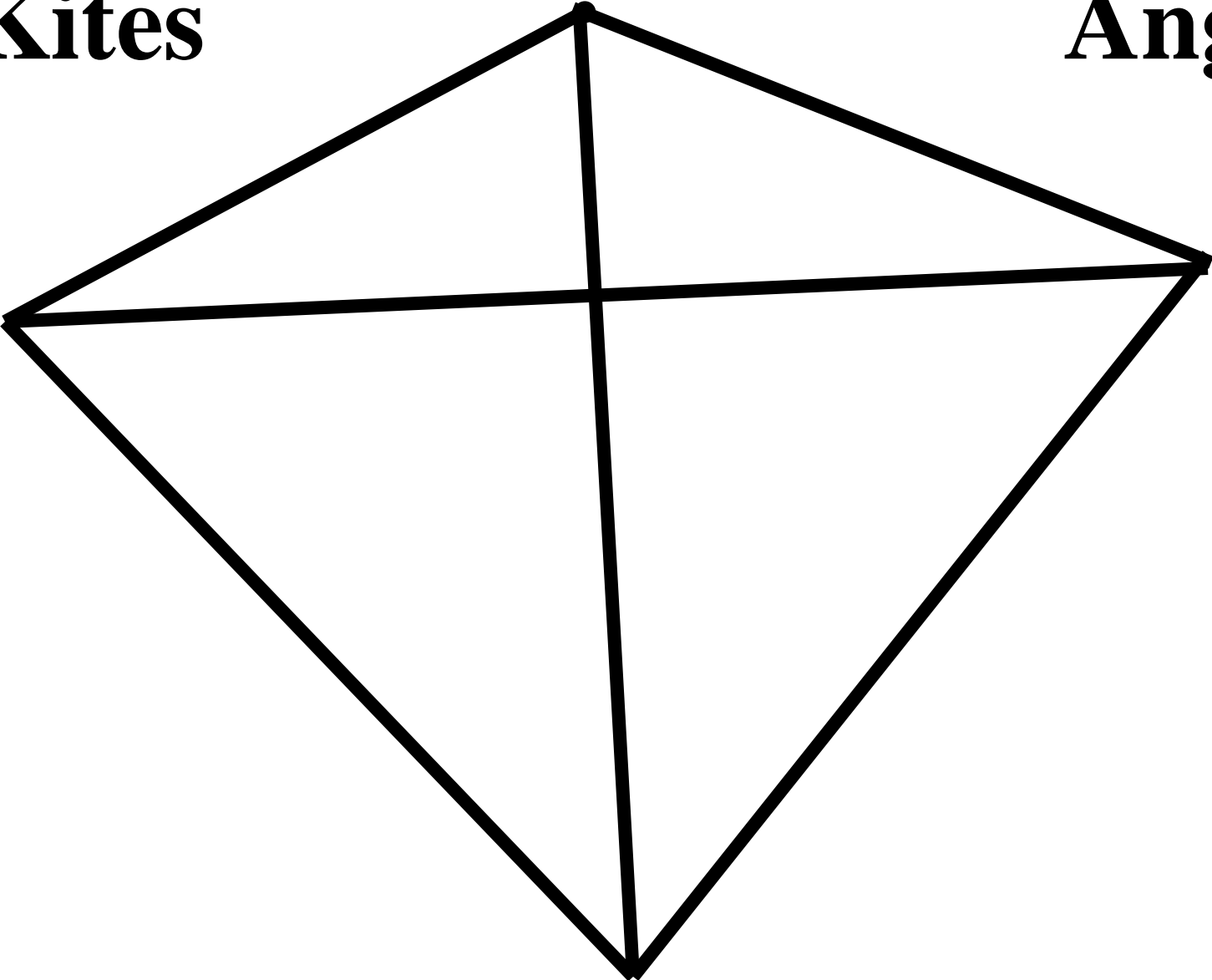
Kites

Angles



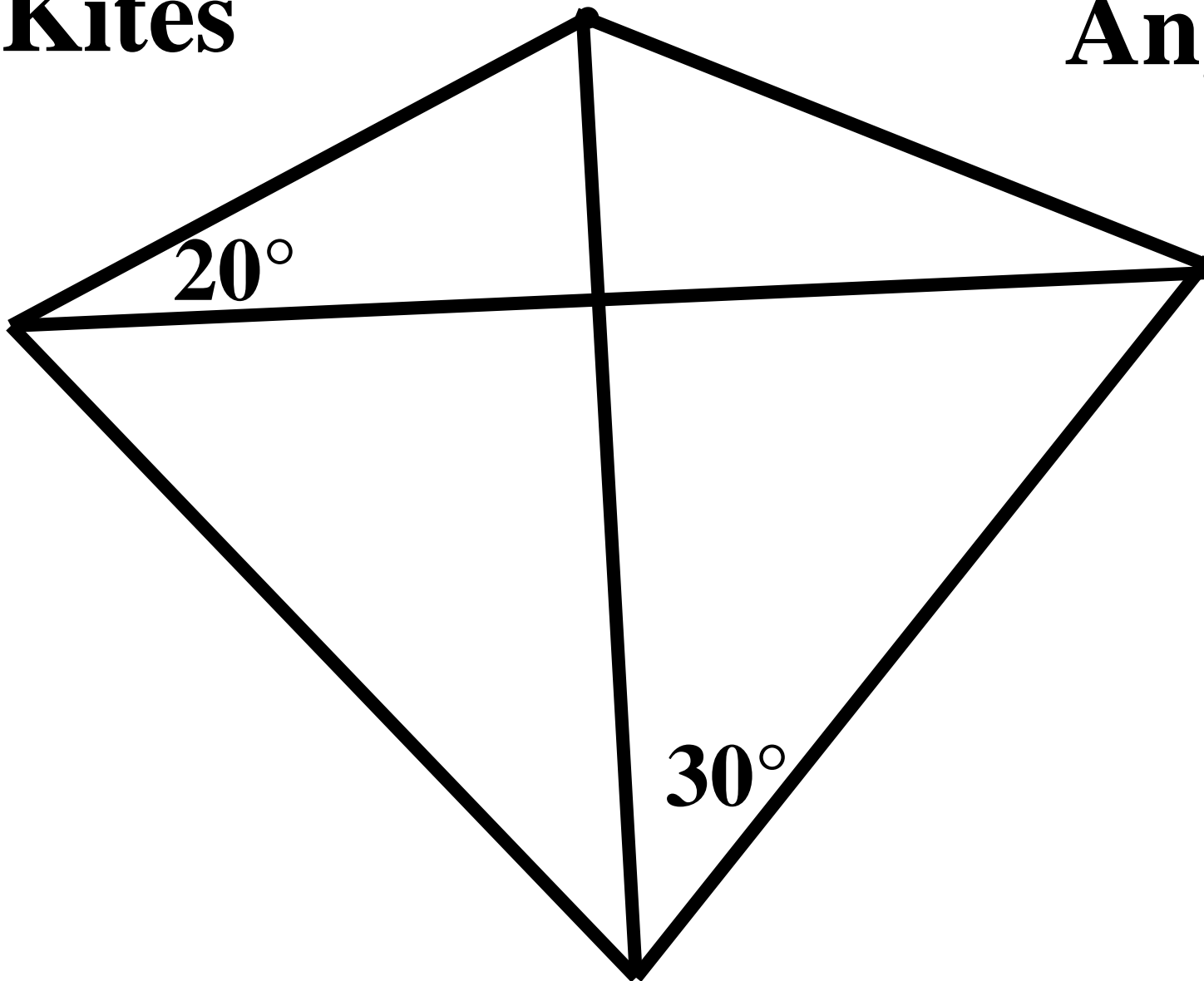
Kites

Angles



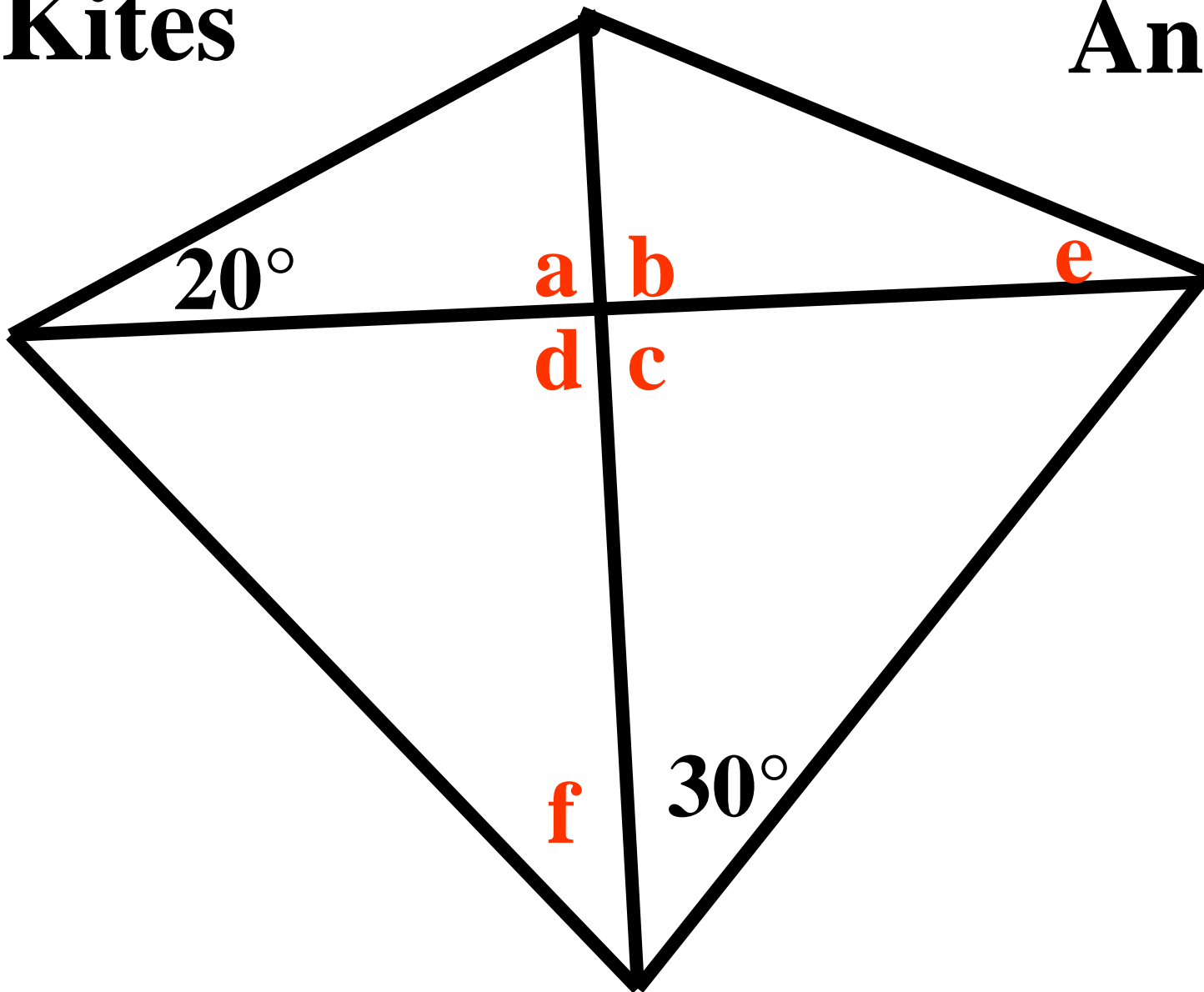
Kites

Angles



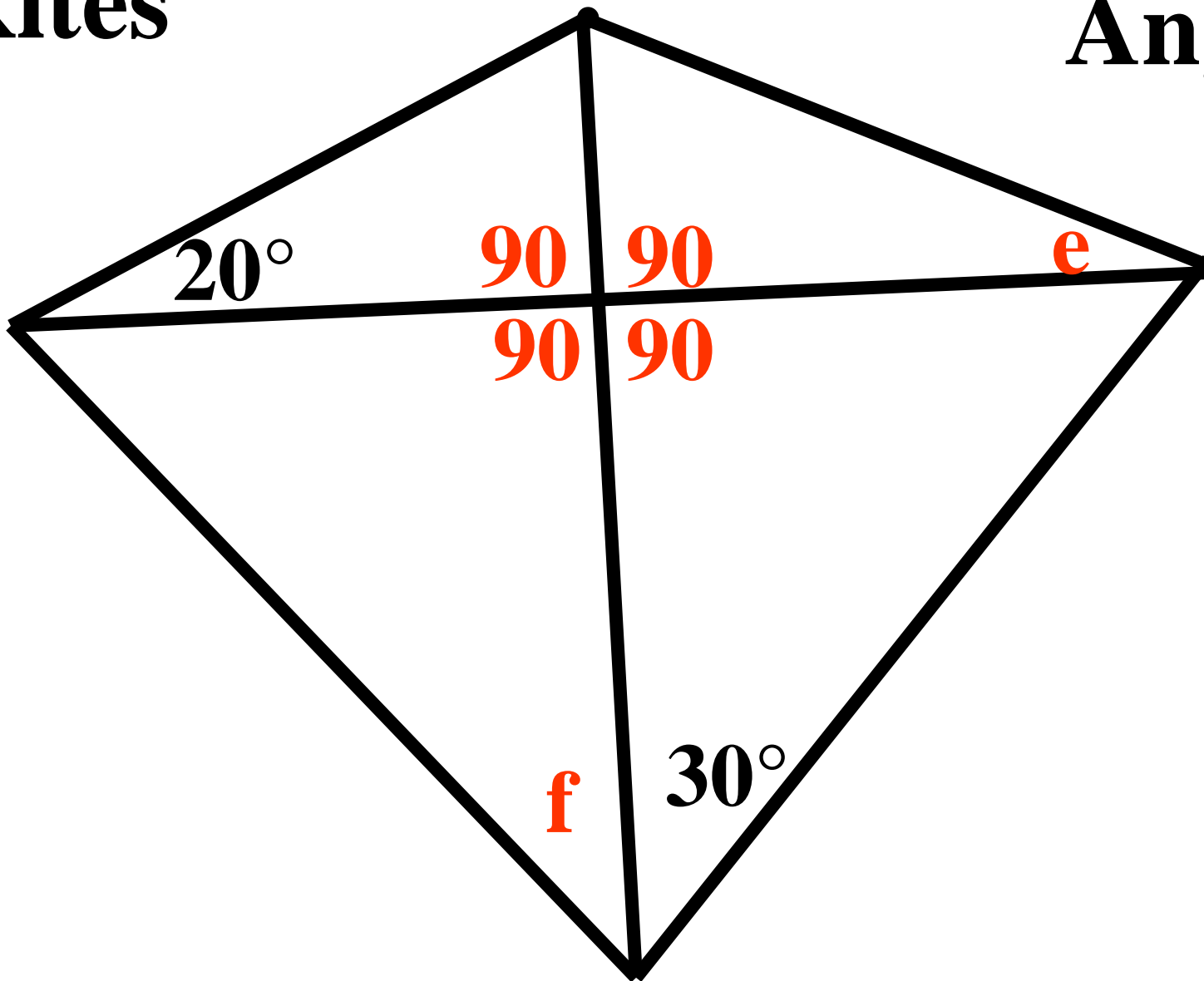
Kites

Angles



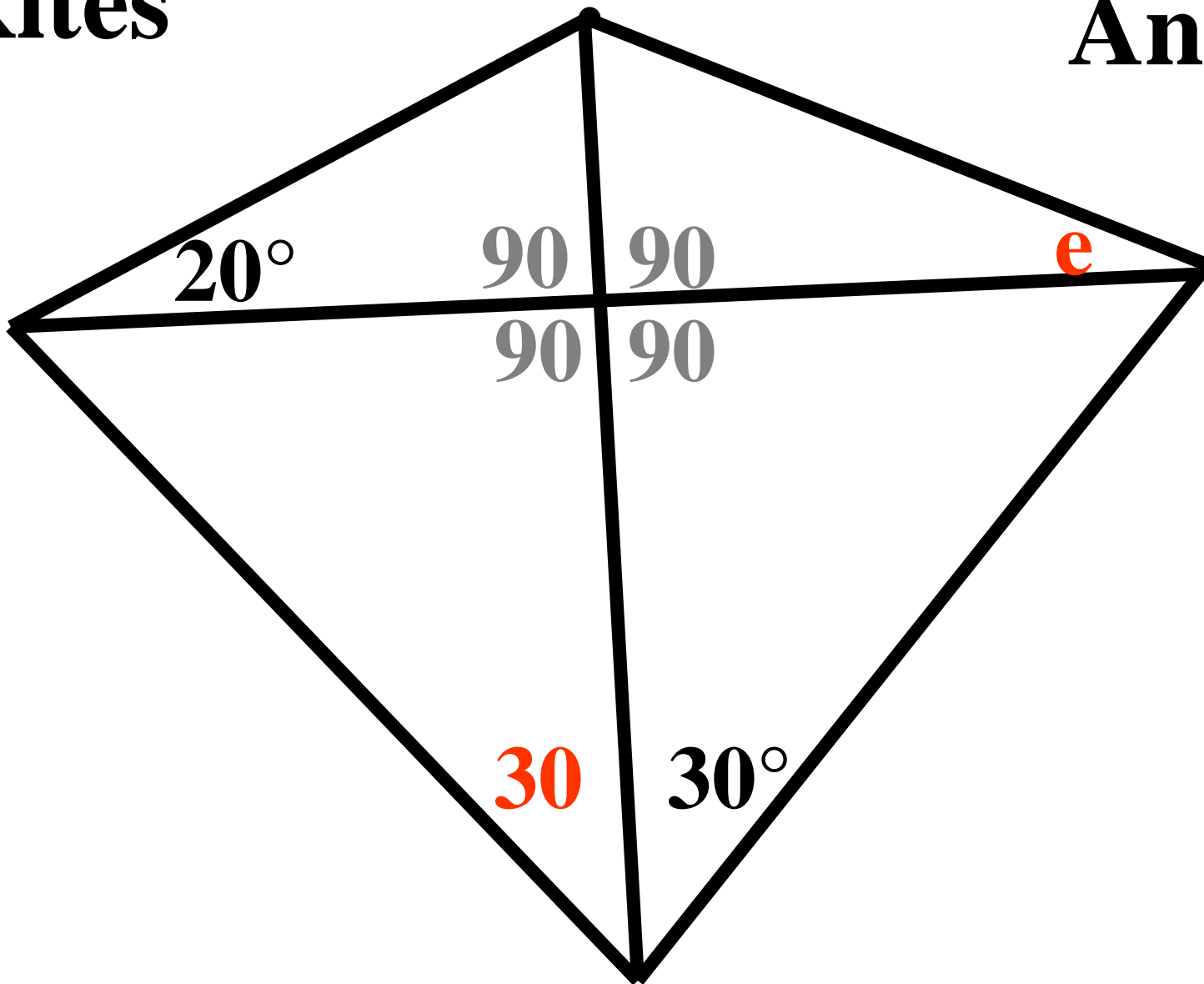
Kites

Angles



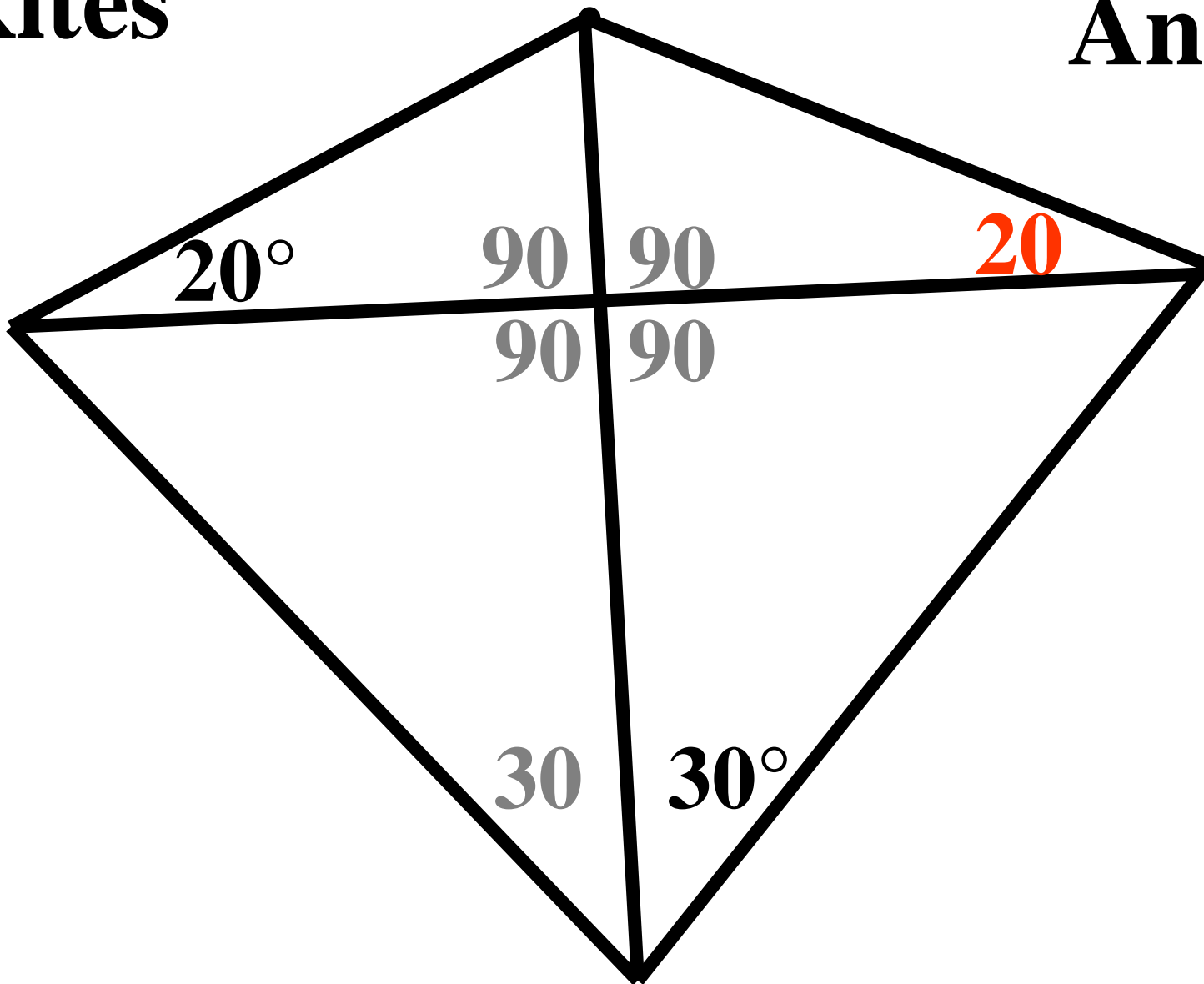
Kites

Angles



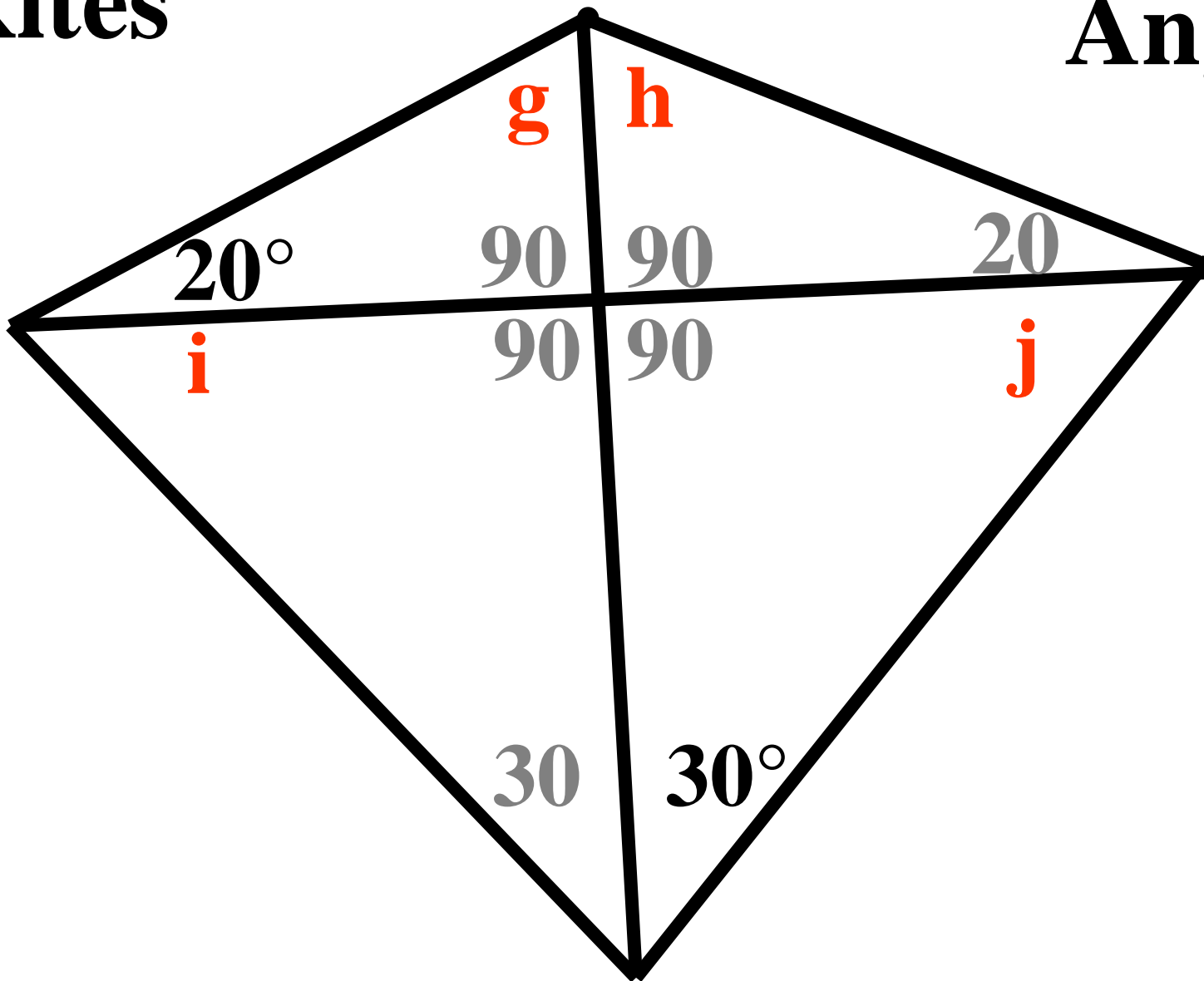
Kites

Angles



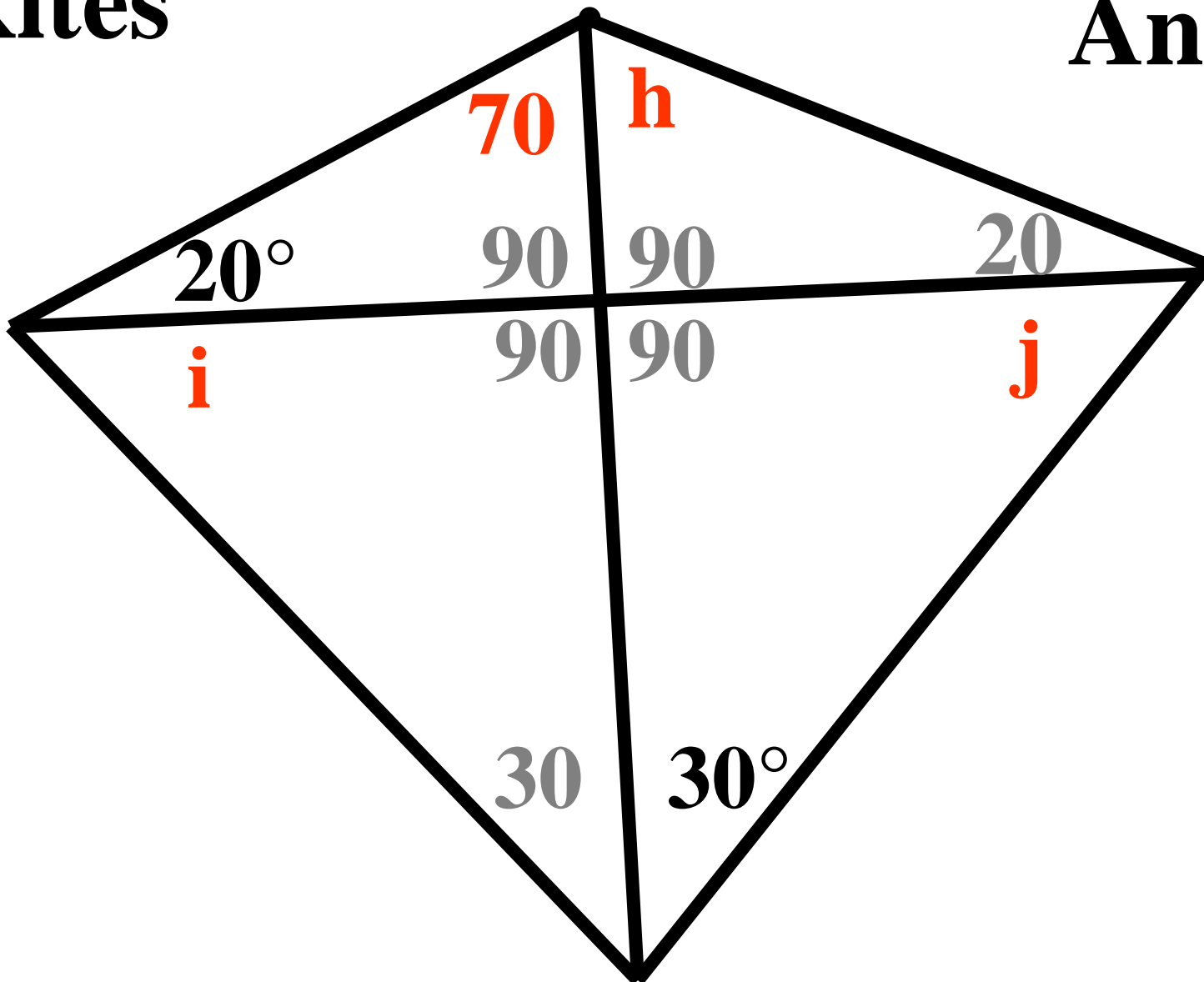
Kites

Angles



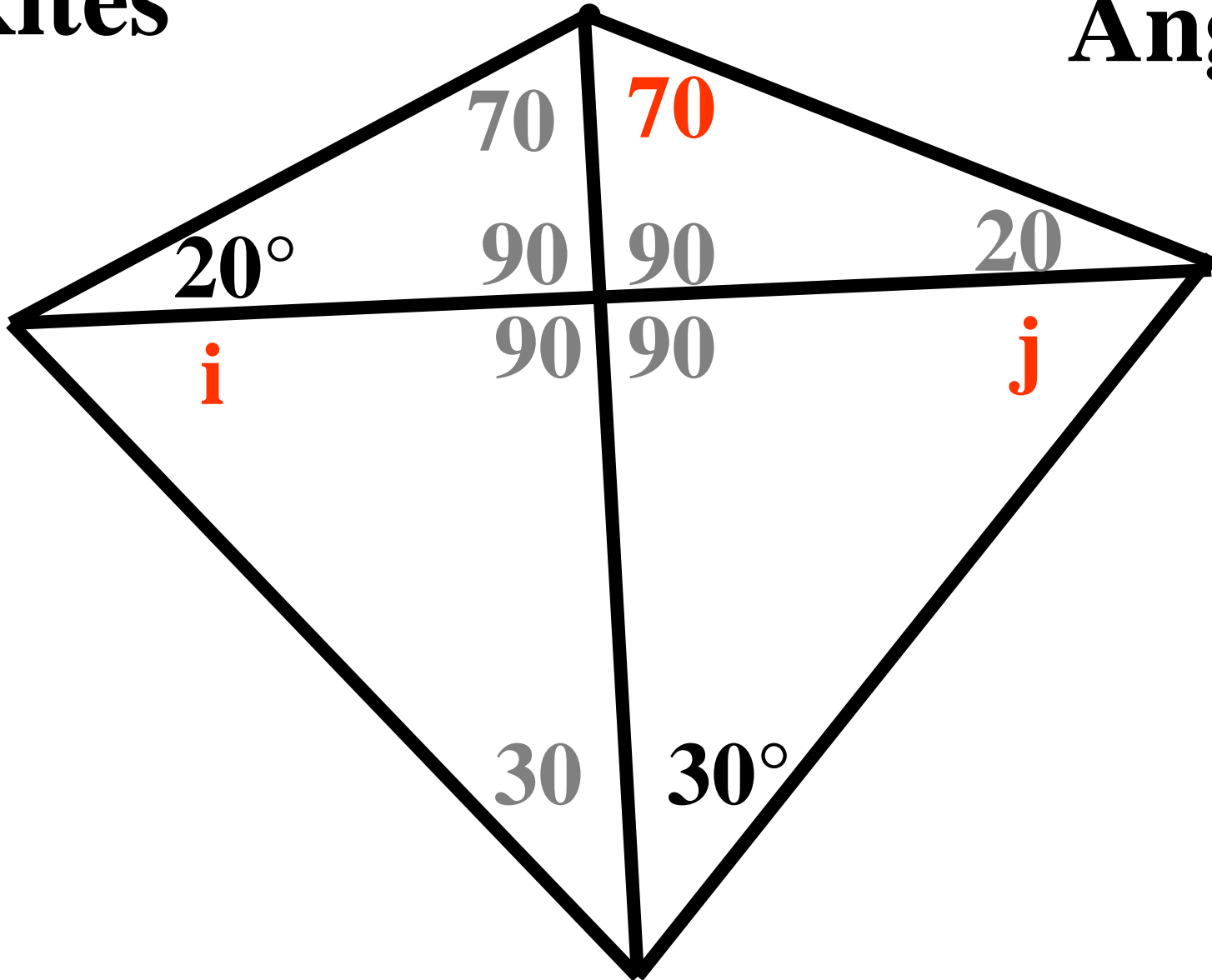
Kites

Angles



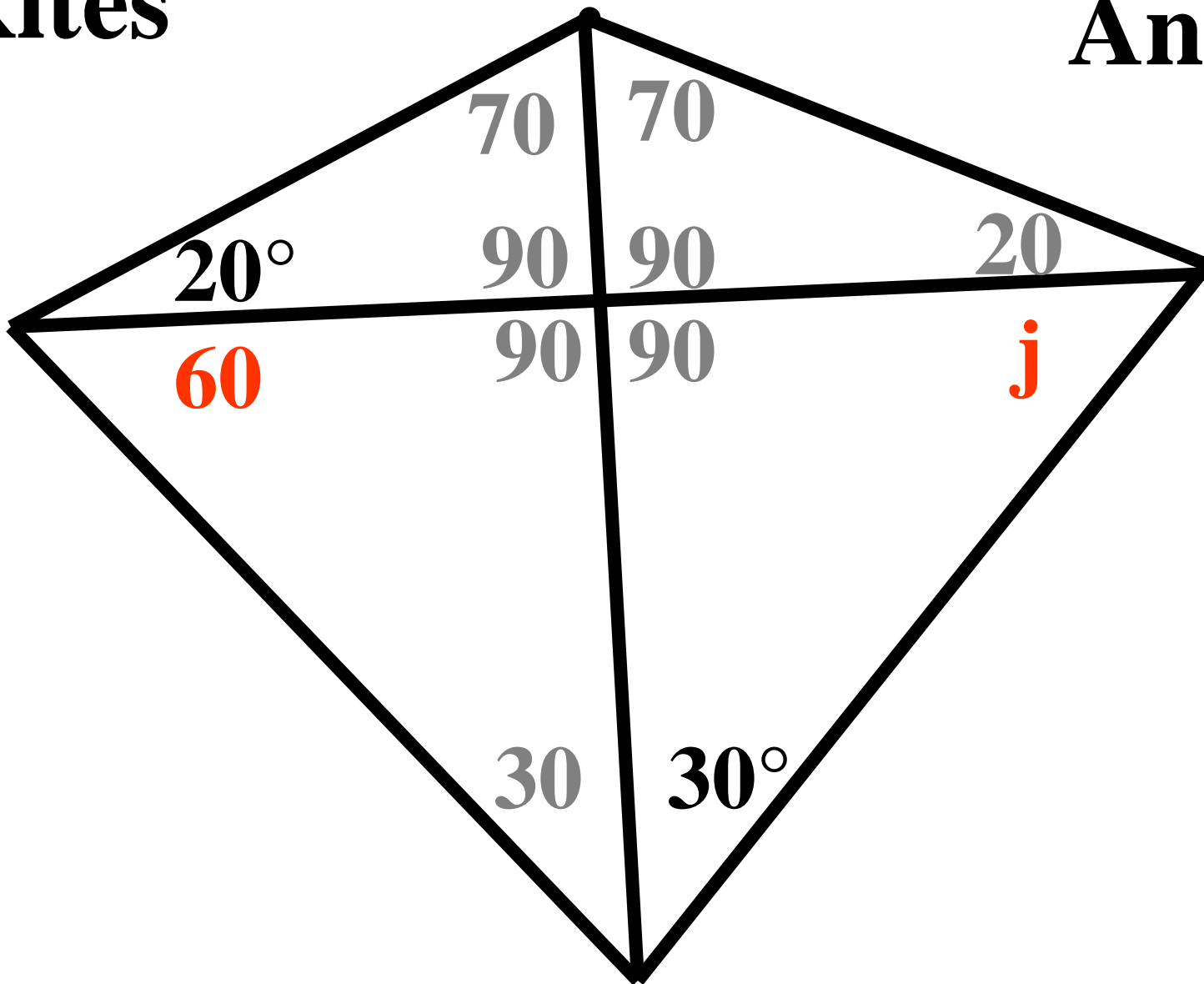
Kites

Angles



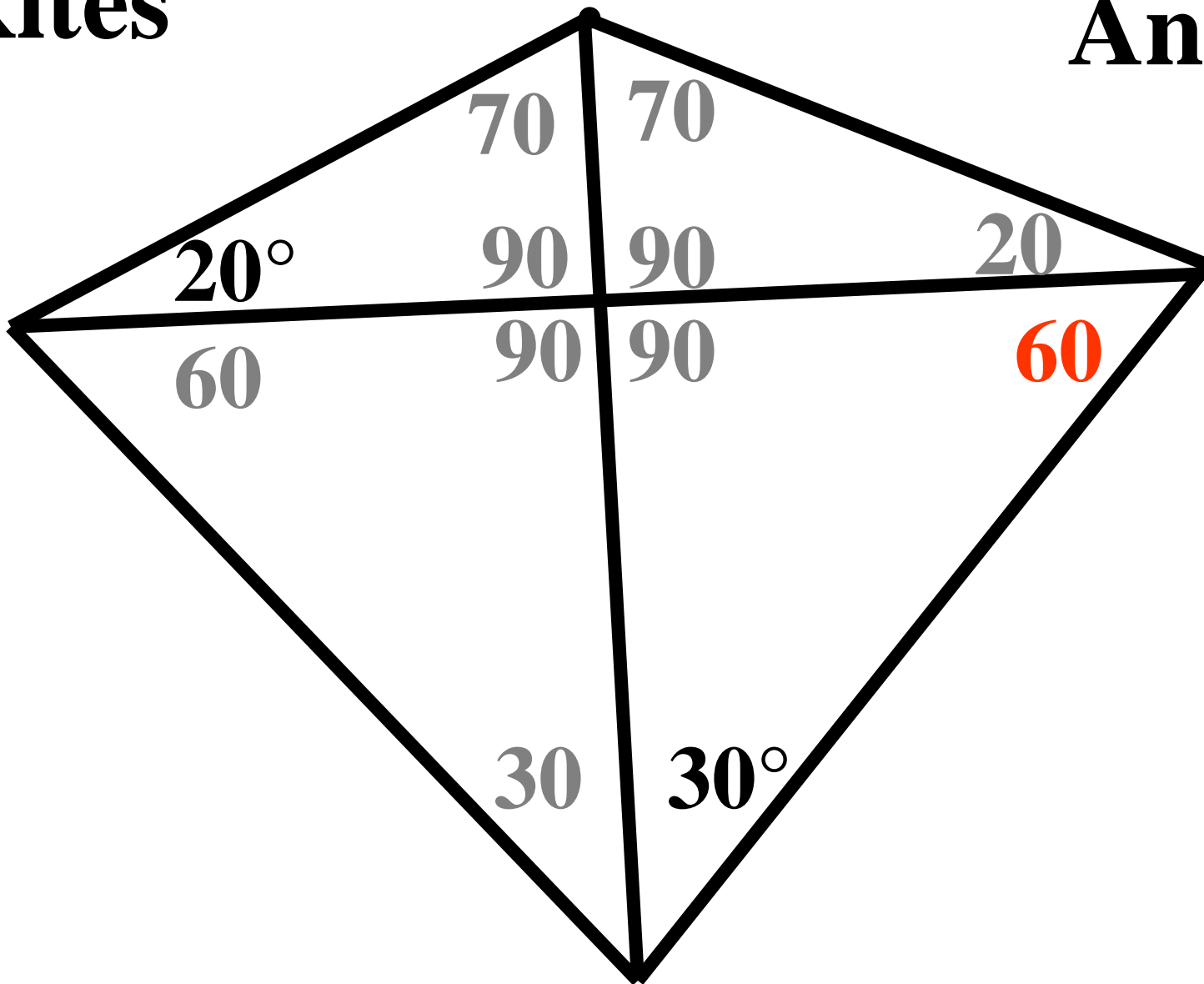
Kites

Angles



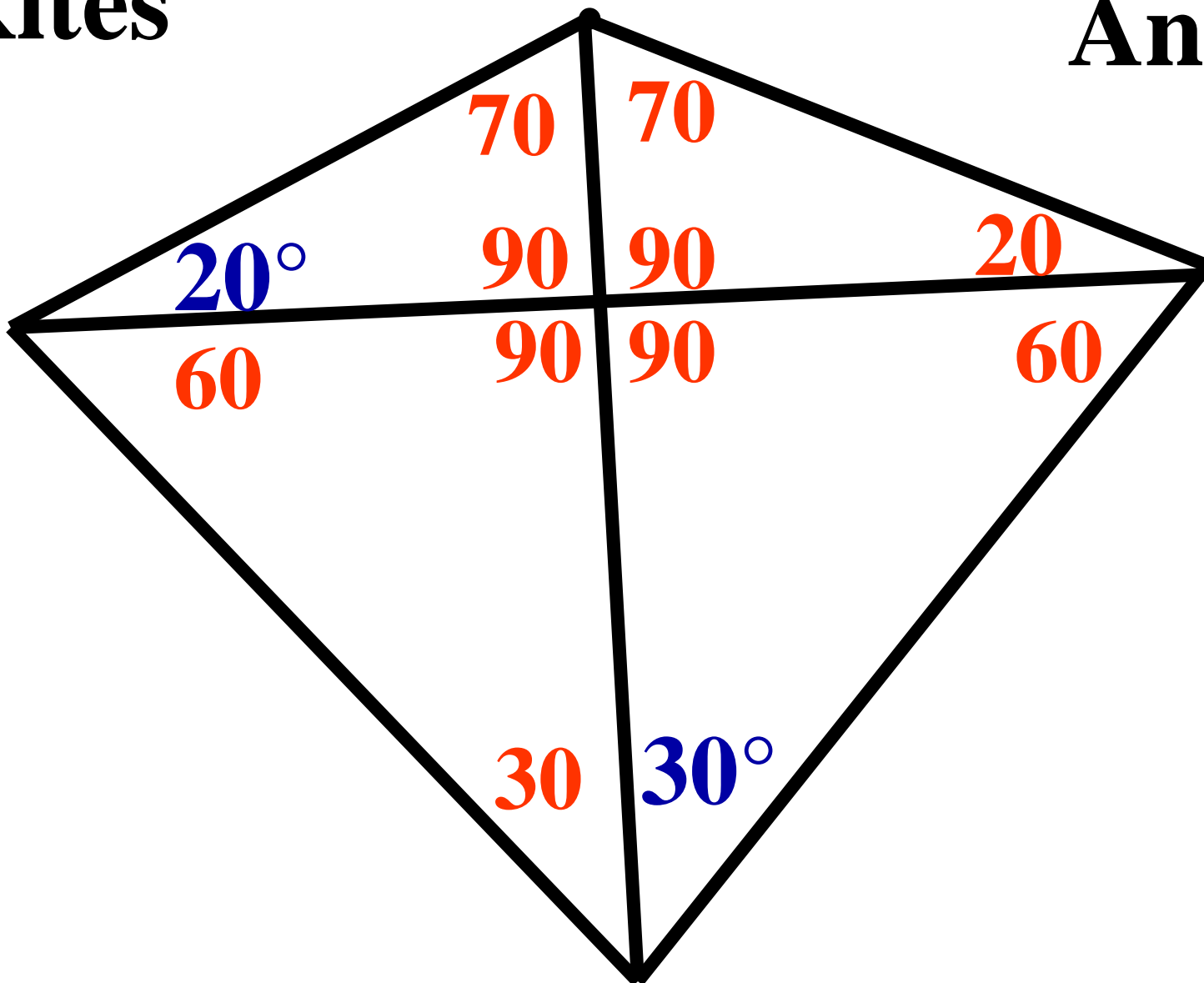
Kites

Angles



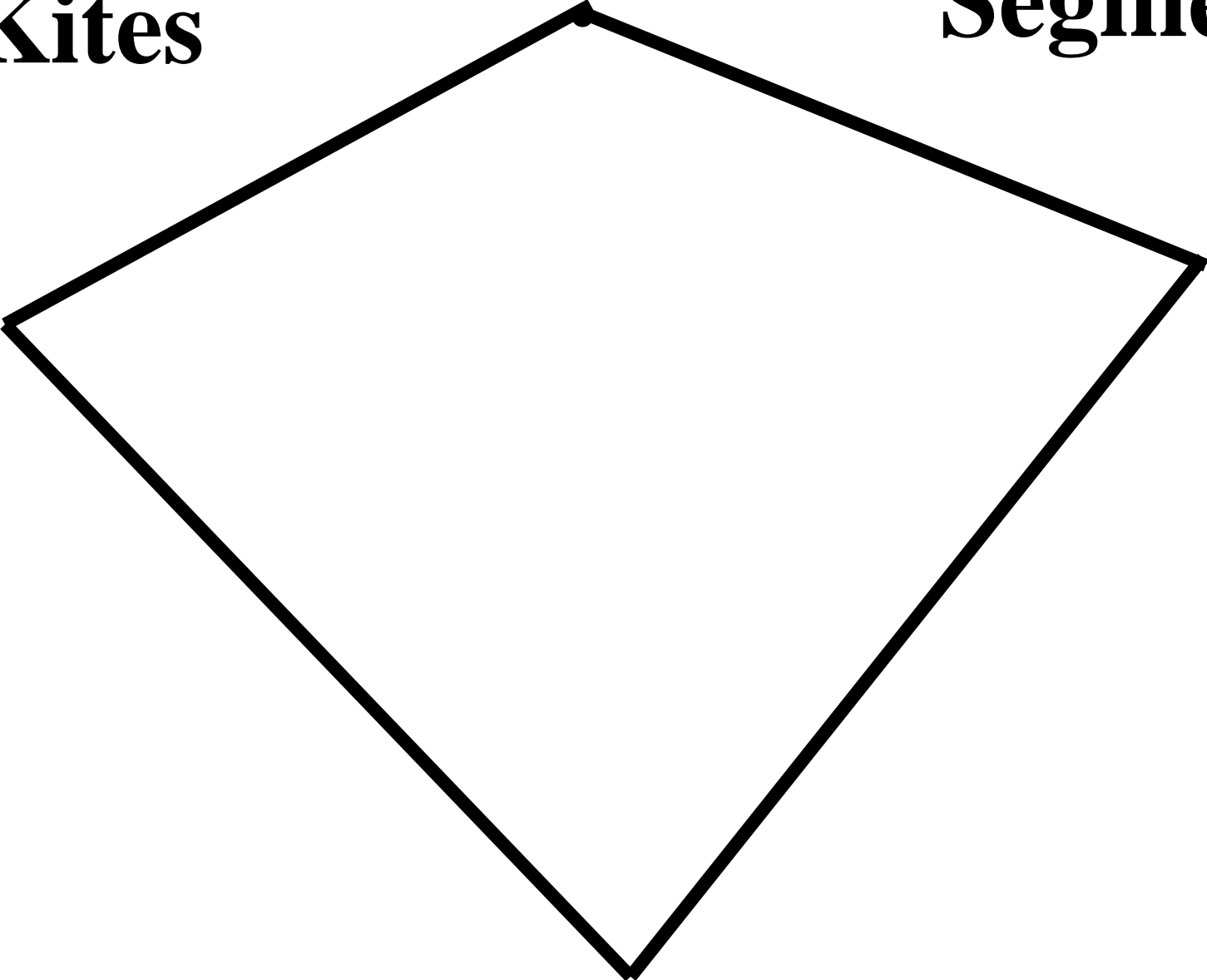
Kites

Angles



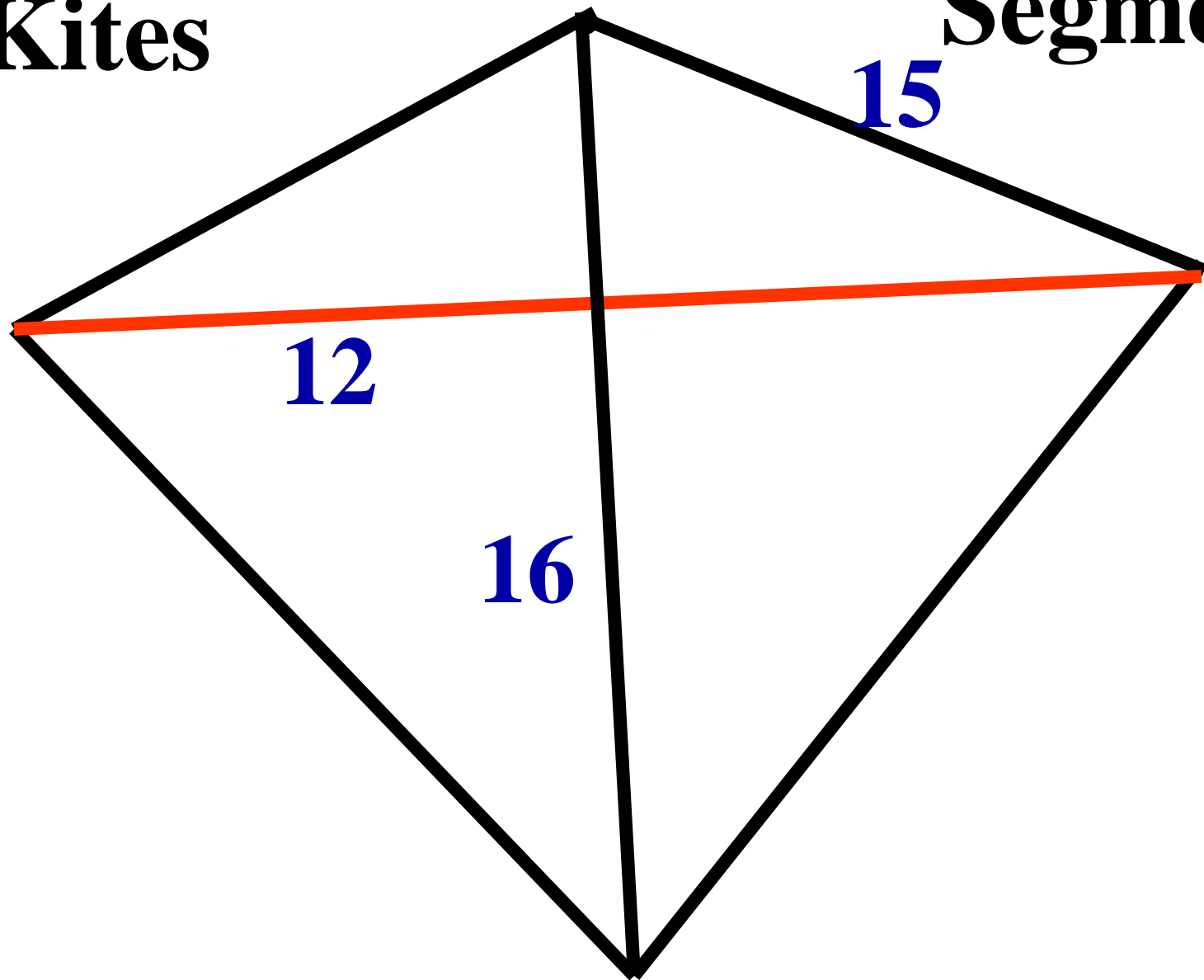
Kites

Segments



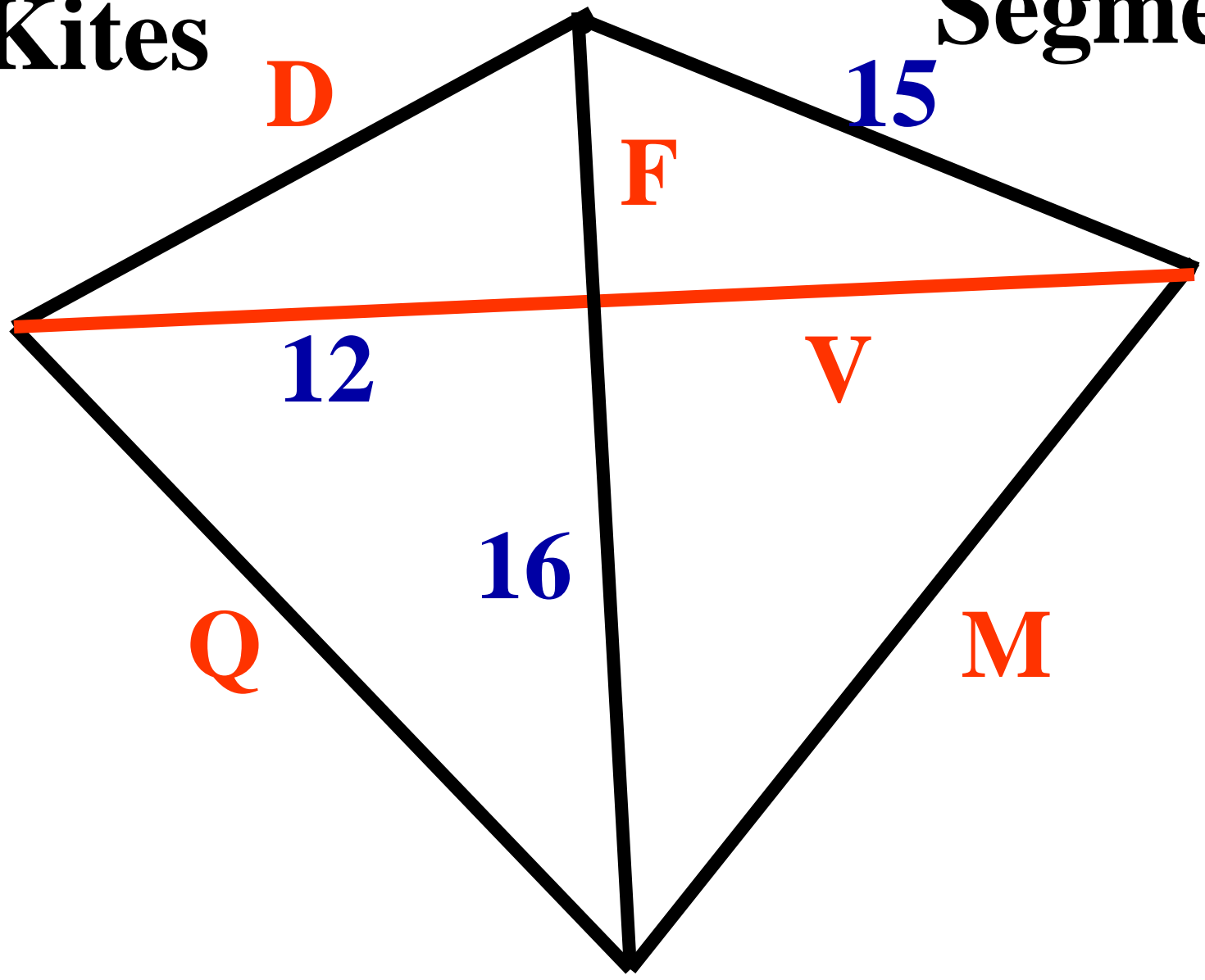
Kites

Segments



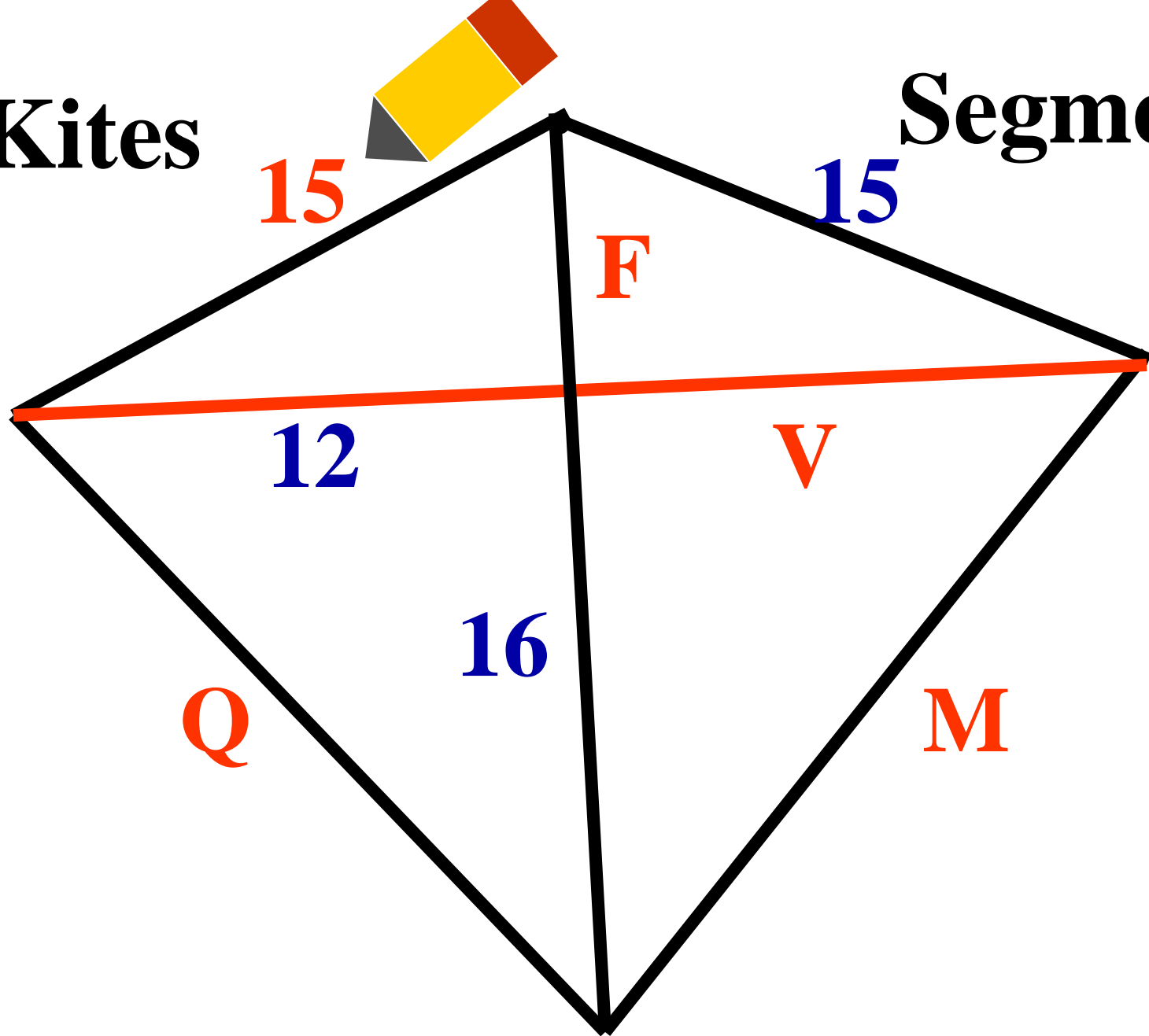
Kites

Segments



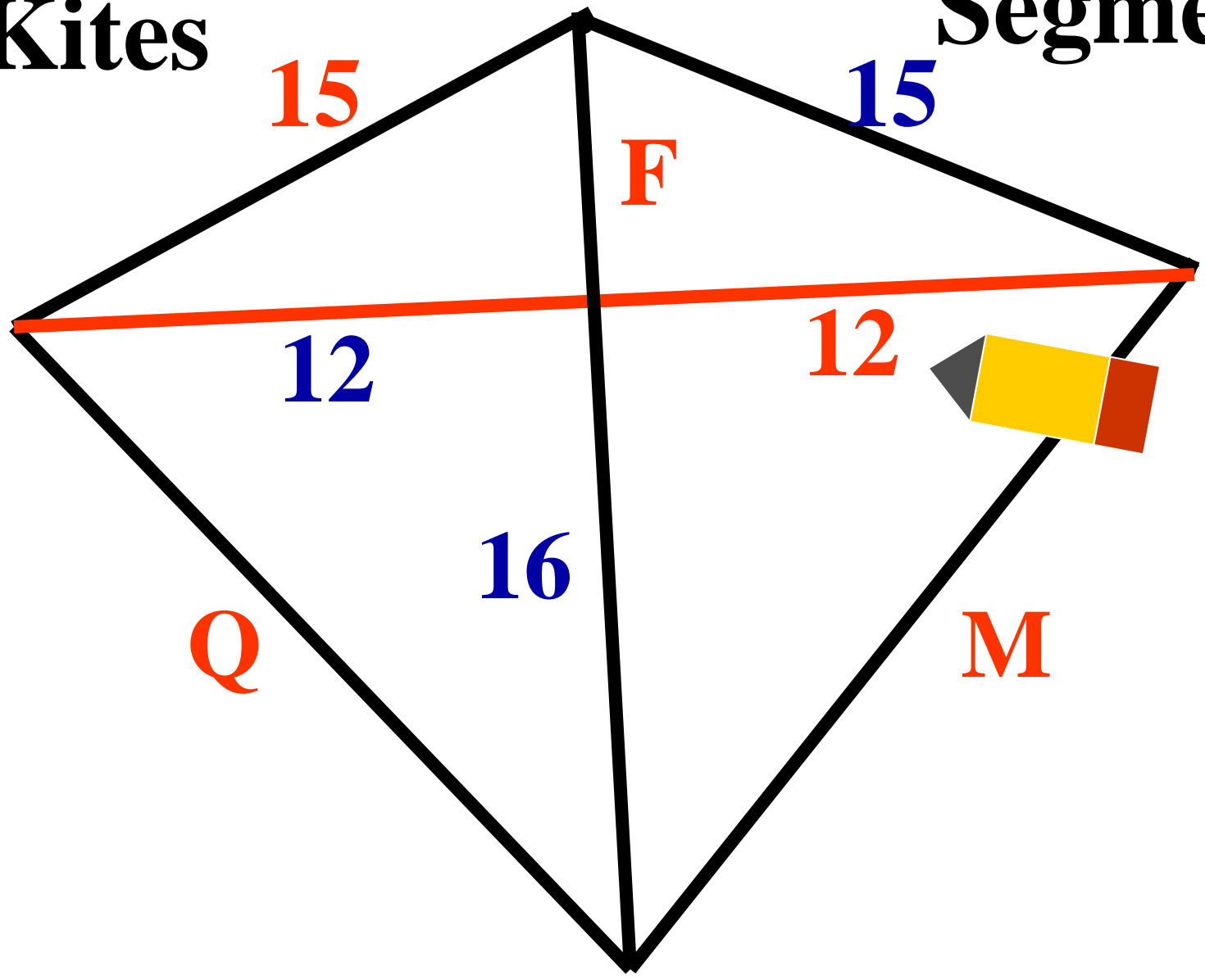
Kites

Segments



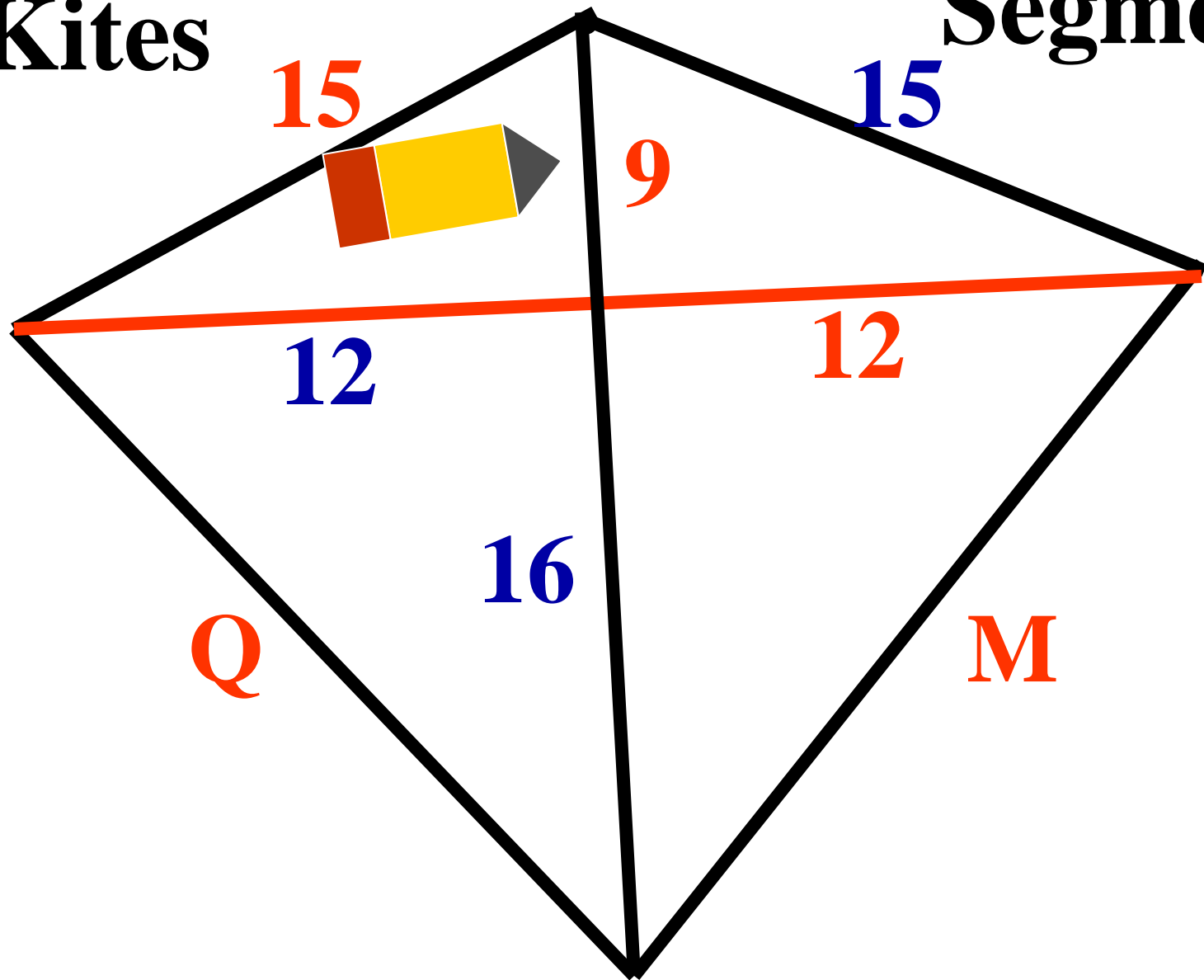
Kites

Segments



Kites

Segments

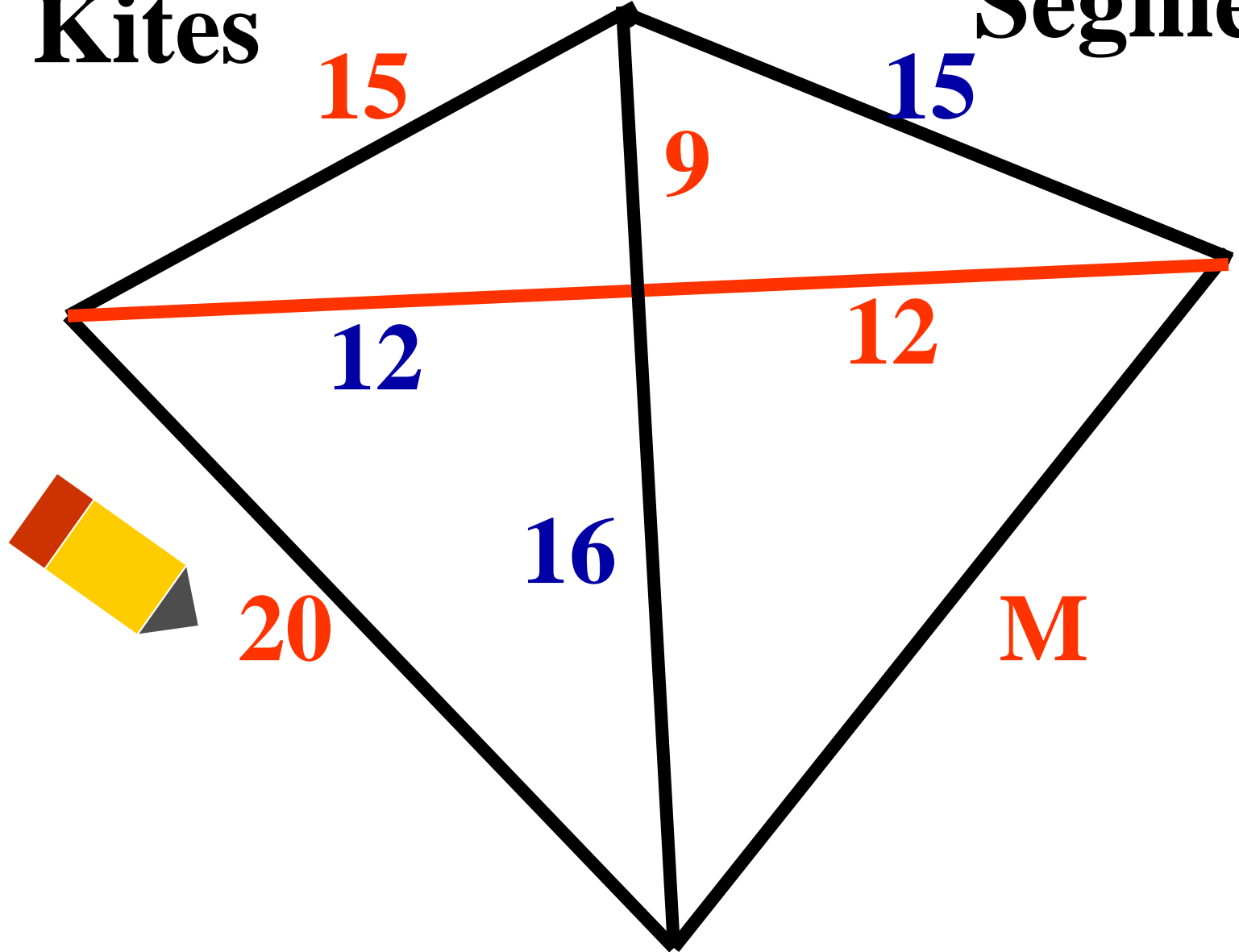


Q

M

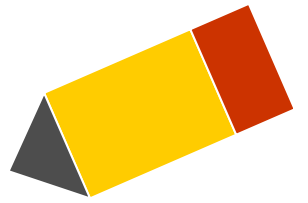
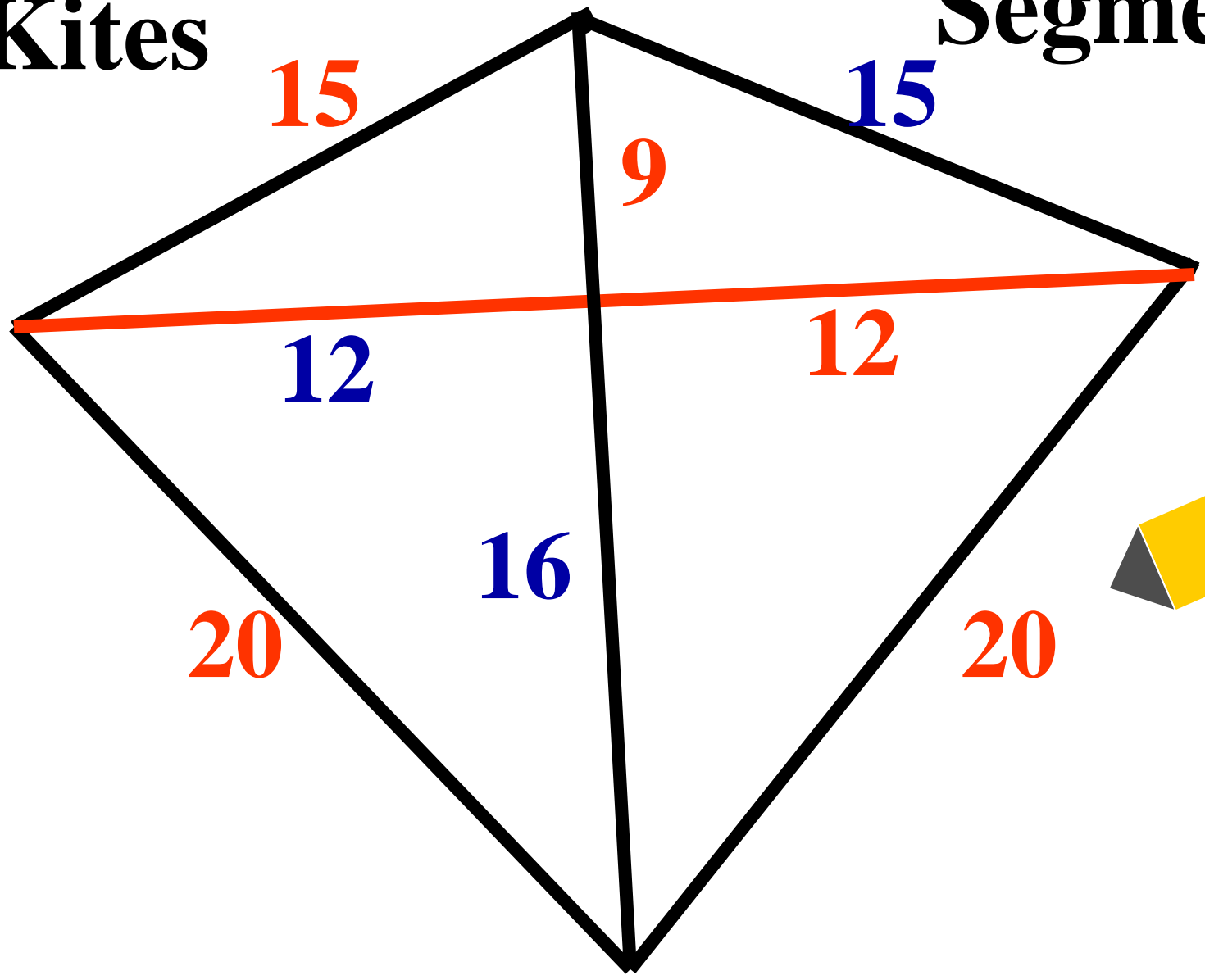
Kites

Segments



Kites

Segments



Time
Enda