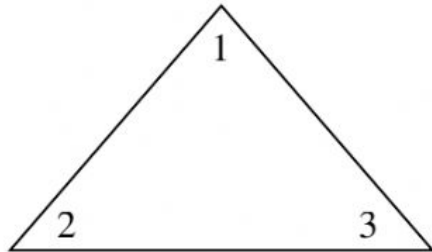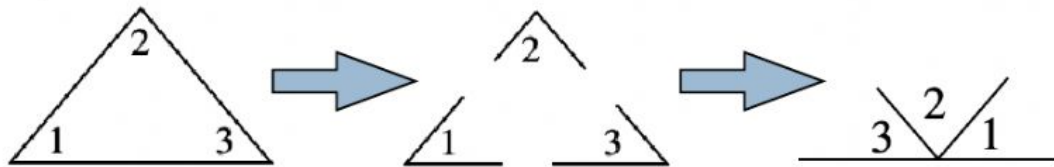# Triangle Angle Sum

Triangle Angle Sum Theorem

The three angles of a triangle add to 180°

$$\angle 1 + \angle 2 + \angle 3 = 180$$

Why?

Angles 1, 2, and 3 form a straight line. We know straight lines are **supplementary**!

Examples

40°

80°   ?

?

60°

64°

62° $5x - 1$