

Measuring Angles and Identifying Angle Measures Puzzle Activity

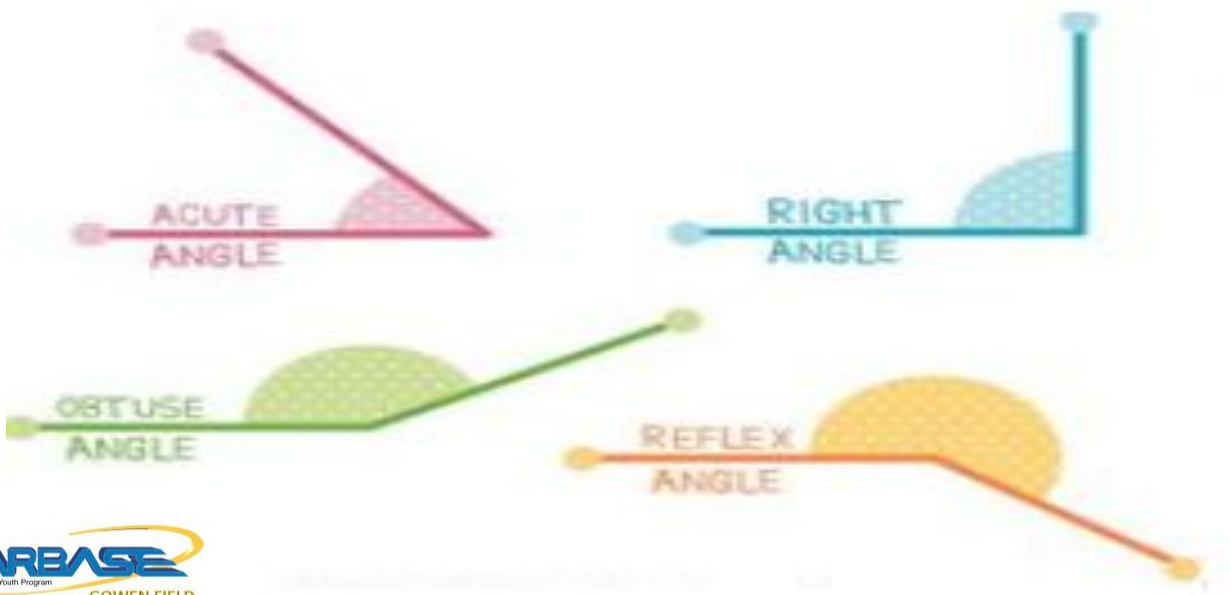
There are two versions of this puzzle activity: one in which the puzzles pieces are self-correcting, the other requiring a teacher or partner check.

Pieces will need to be cut out (laminated for durability, if desired) and mixed ahead of time.

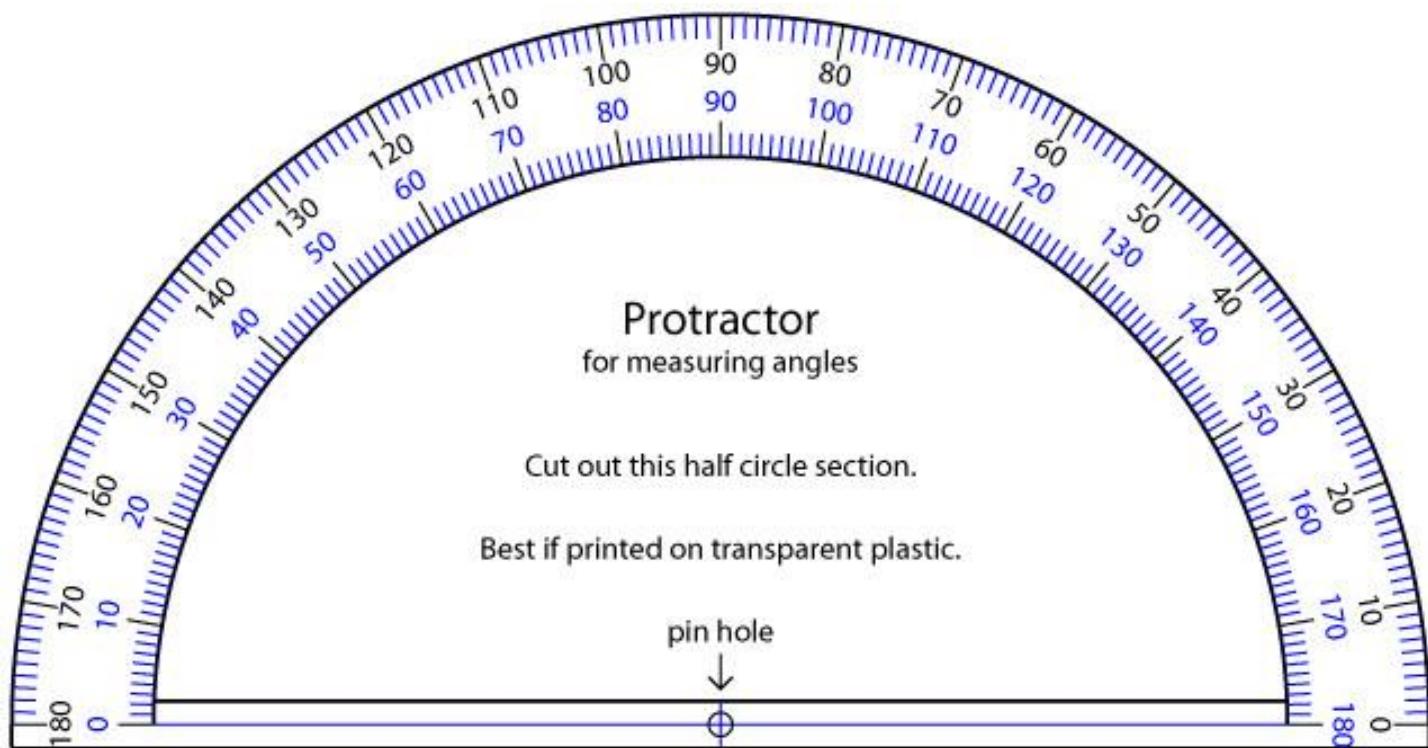
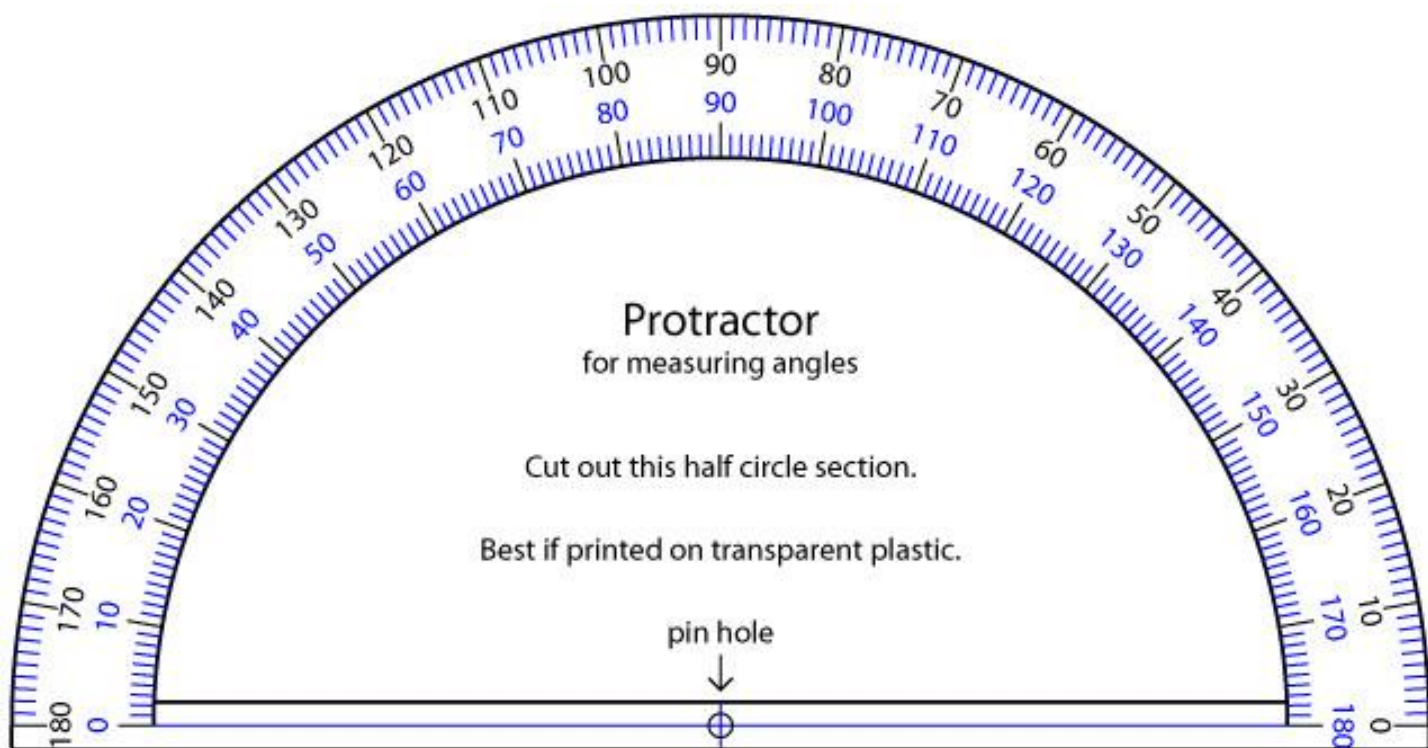
Number of players: 1-3

Materials Needed: 36 Game pieces (12 angles, 12 angle measures, 12 angle labels), 1 protractor for each player. (A template is provided if students do not have their own protractors.)

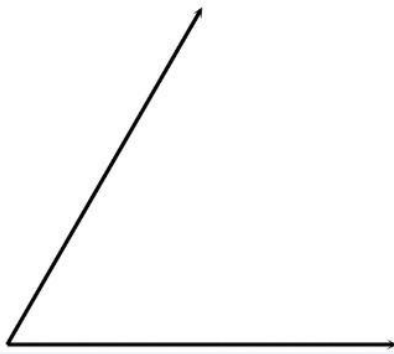
Directions: Students simply piece together the angle with its correct measure and type.



Protractor Instructions: Cut out the half circle shape along the outside. Next, cut out the half circle shape on the inside (following the black outline). Poke a hole in the center labeled “pin hole” so you can see your line as you line them up.



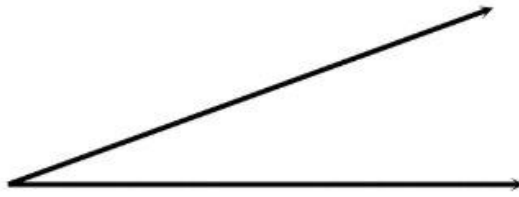
Acute



60°

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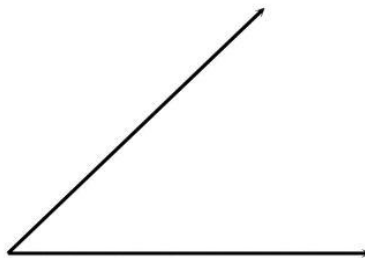
Acute



20°

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Acute



45°

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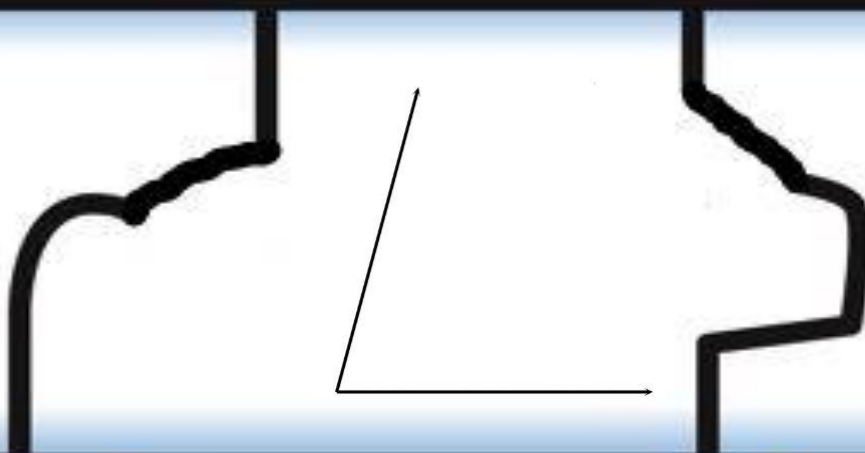
Acute



10°

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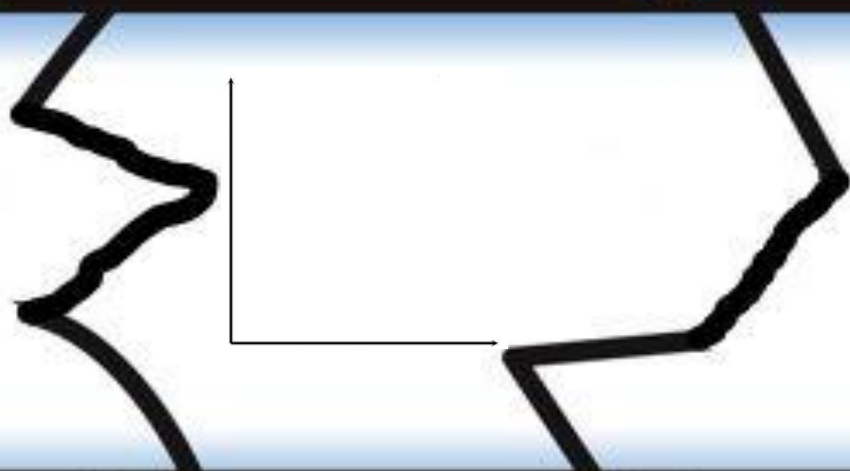
Acute



75°

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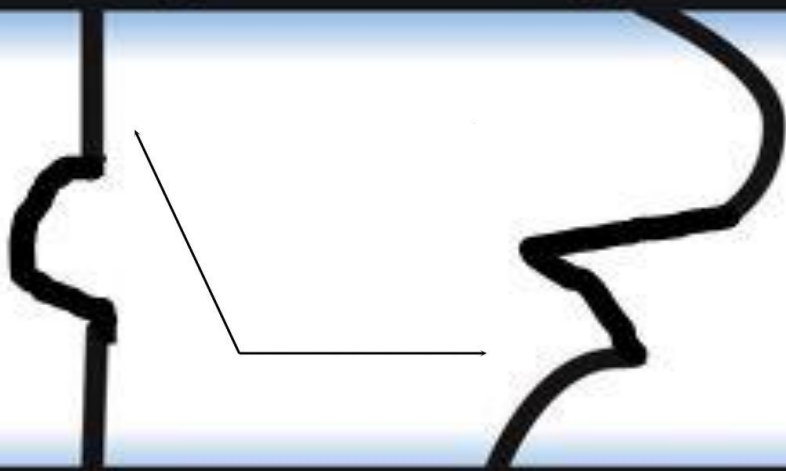
Right



90°

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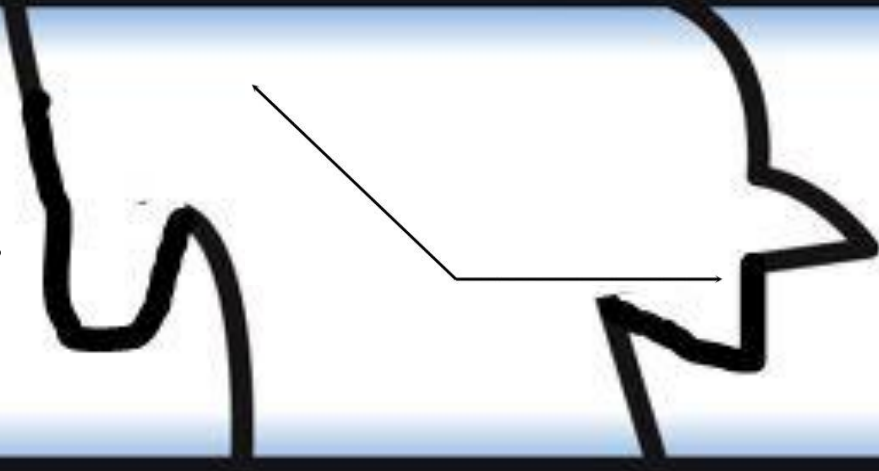
Obtuse



115°

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Obtuse

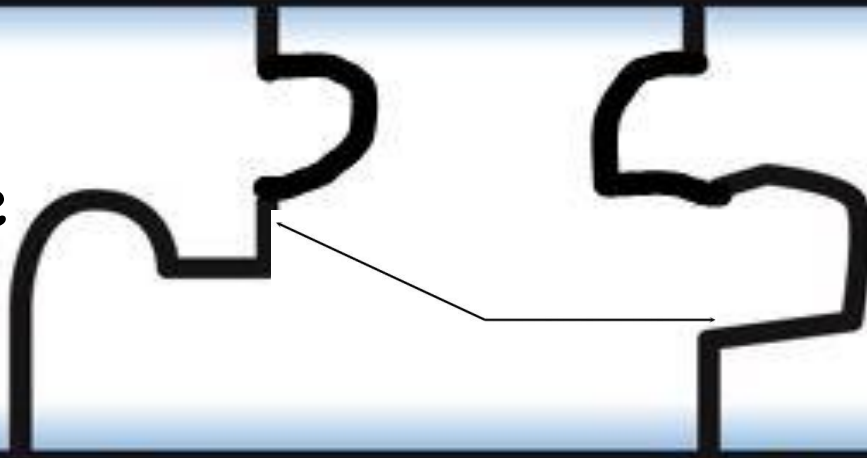


140°

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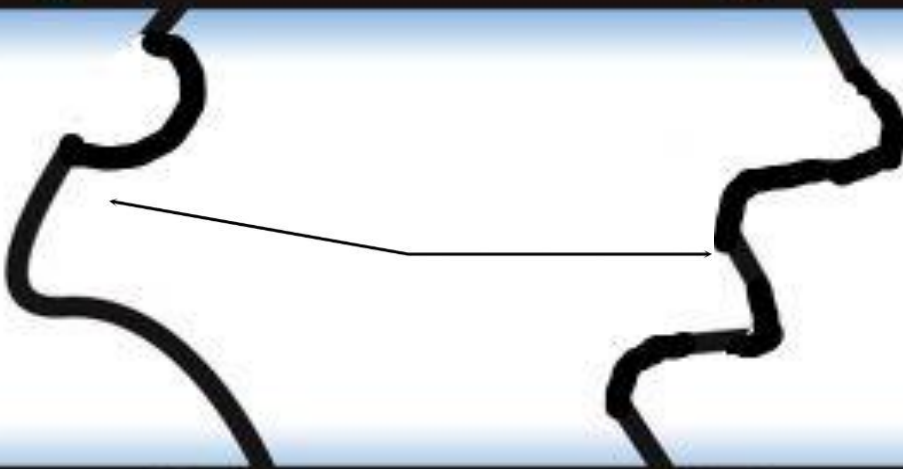
155°



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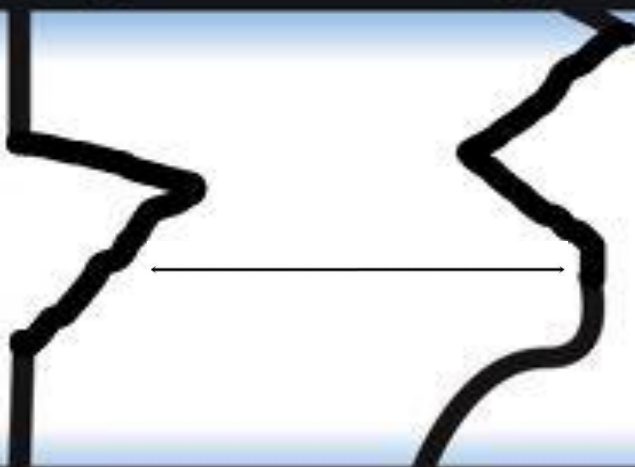
170°



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Straight

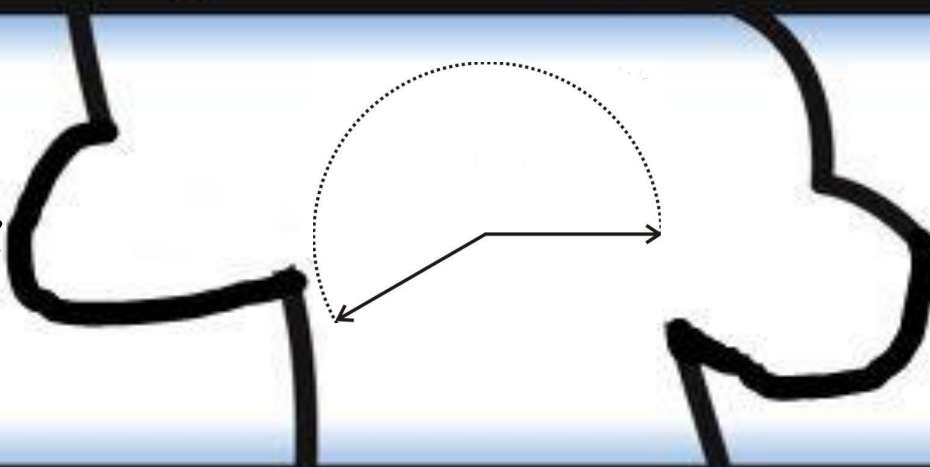
180°



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Reflex

210°



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