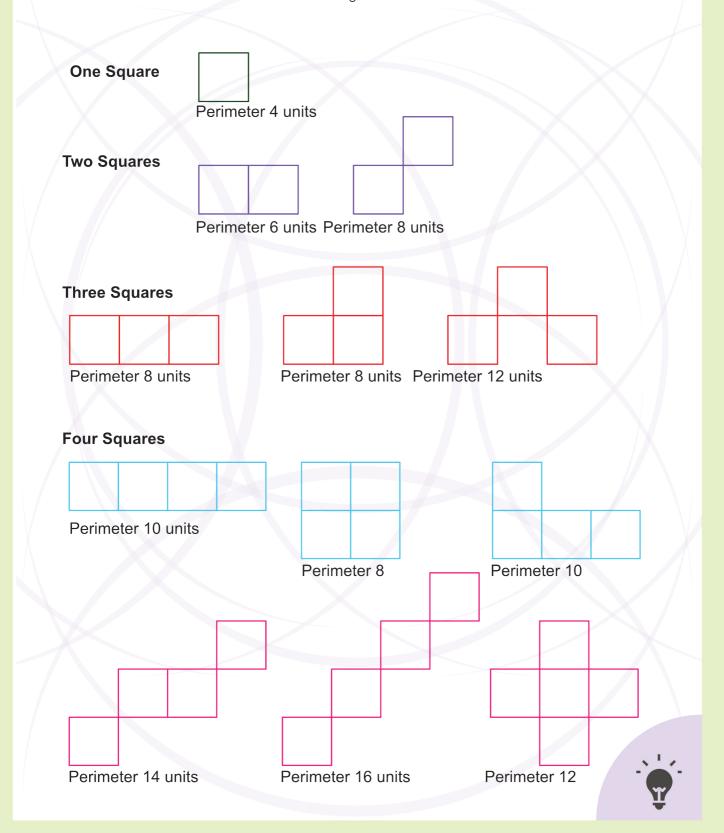
Visualizing Problems

Changes to Area and Perimeter

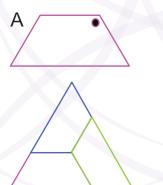
Draw these diagrams and use units to measure area and perimeter, let the students record their measurements in a grid.



Visualizing Problems

Changes to Area & Perimeter and Changes to Point of Rotation

	Area can change without affecting p	perimeter:			
	Area changes from 2u² t Perimeter unchanged 8 uni	to 3u² ts.			1
					X
	Area can change along with	perimeter:			
	Area changes from 2u² to Perimeter changes from 6 units t	3u² to 8 units.			
	Perimeter can change without havin Area stays 3u² Perimeter changes from 12 ur	g an effect on are	ea.		
How changing	the point of rotation along with angle	magnitude influ	ence the e	nd result	X









Rotation Clockwise

Intersecting sides.

Longest side rotate so that it halves the top left vertex with each rotation.



Rotation Clockwise.

No intersecting sides.

Sides line up as you rotate.