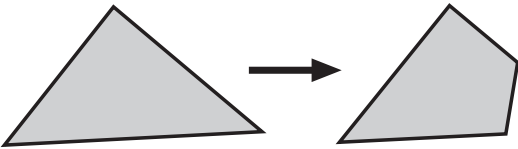
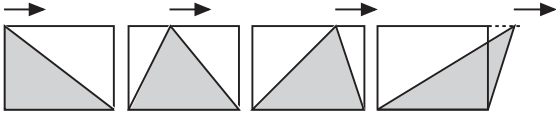
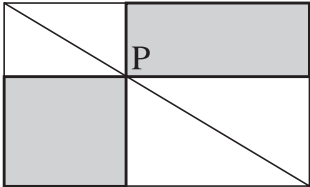
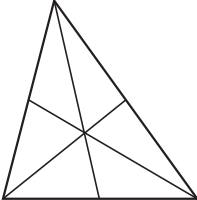
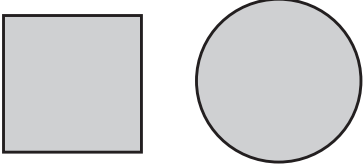
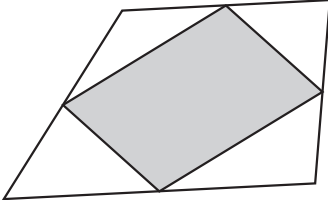


Card Set A: Always, Sometimes, or Never True?

<p>A Cutting Shapes</p>  <p>When you cut a piece off a shape you:</p> <p>(a) Reduce its area. (b) Reduce its perimeter.</p>	<p>B Sliding a Triangle</p>  <p>If you slide the top corner of a triangle from left to right:</p> <p>(a) Its area stays the same. (b) Its perimeter changes.</p>
<p>C Rectangles</p>  <p>Draw a diagonal of a rectangle and mark any point on it as P. Draw lines through P, parallel to the sides of the rectangle. The two shaded rectangles have:</p> <p>(a) Equal areas. (b) Equal perimeters.</p>	<p>D Medians of a Triangle</p>  <p>If you join each vertex of a triangle to the midpoint of the opposite side, the six triangles you get all have the same area.</p>
<p>E Square and Circle</p>  <p>If a square and a circle have the same perimeter, the circle has the smallest area.</p>	<p>F Midpoints of a Quadrilateral</p>  <p>If you join the midpoints of the sides of a quadrilateral, you get a parallelogram with one half the area of the original quadrilateral.</p>