

Polygon Families

Warmup

1. $+15 + +4 =$

2. $7 + -11 =$

3. $-3 + 14 =$

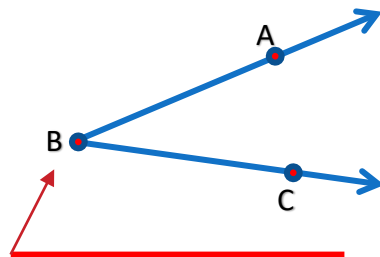
4. $-8 + -4 =$

5.

Write the name of each item pictured.



6. Label each graphic.



- I. Polygon
- II. Classifying Polygons
- III. Using Counters to Calculate Sums

Homeschool



Honor Roll

Learn ~ Persevere ~ Succeed

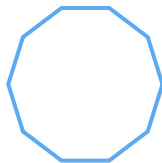
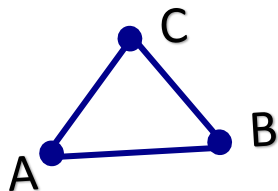
Pre-Algebra and Geometry I

Wendy Harper

www.HsHonorRoll.com

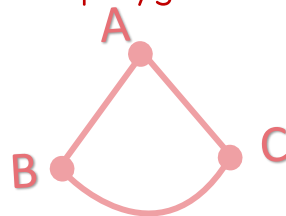
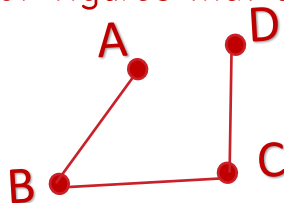
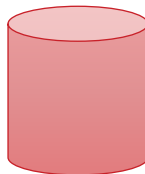
I. Polygons

Examples of polygons

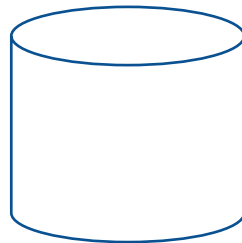
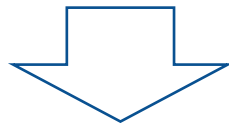
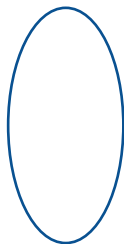
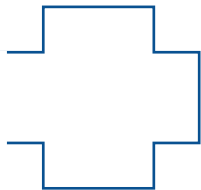


Polygon: A closed figure in a plane made of 3 or more line segments.

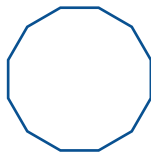
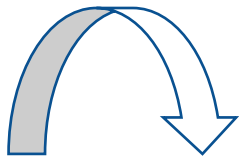
Examples of figures that are NOT polygons



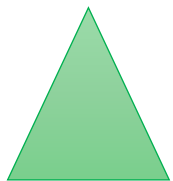
Determine if each figure is a polygon.



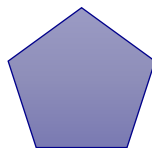
7. Determine if each figure is a polygon. If it is not, tell why it is not a polygon.

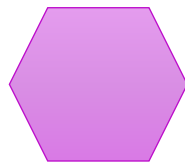


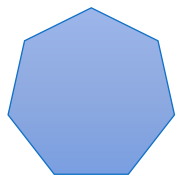
II. Classifying Polygons

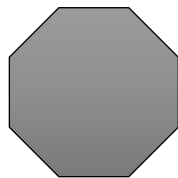


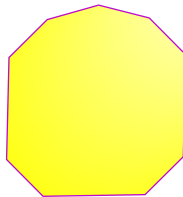


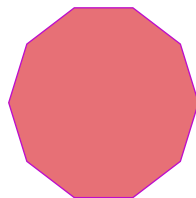




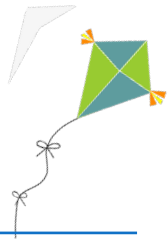




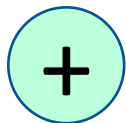




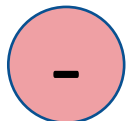
9. Write the name of the polygon shown in each graphic.



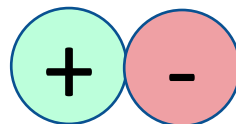
III. Using Counters to Calculate Sums



represents +1

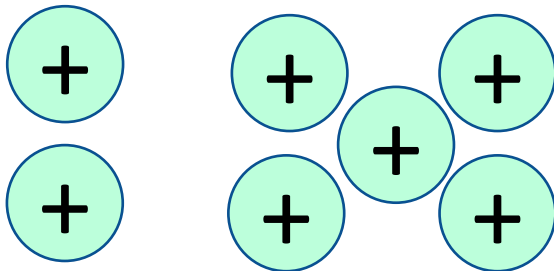


represents -1

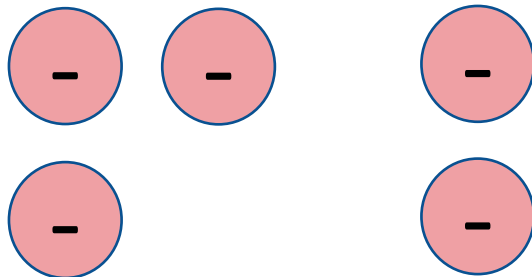


represents 0

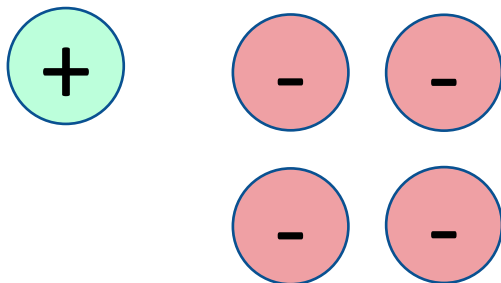
$$+2 + +5$$



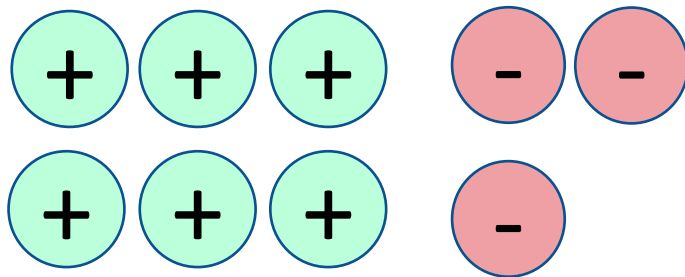
$$-3 + -2$$



$$+1 + -4$$



$$+6 + -3$$



10. $-3 + +4$

11. $-6 + -5$