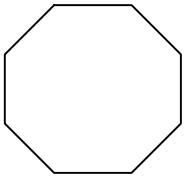
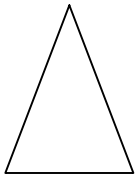
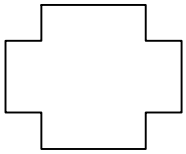
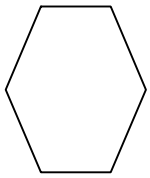
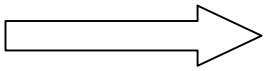
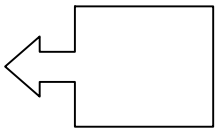
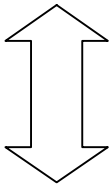
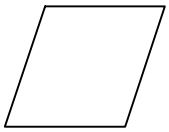
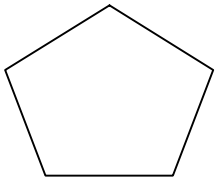
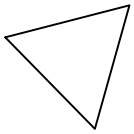
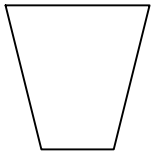
Worksheet 1-3
Polygons

a) Name the polygon. b) Identify concave or convex. c) Identify regular or irregular.

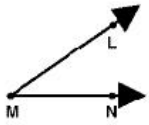
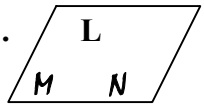
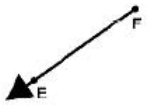
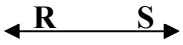
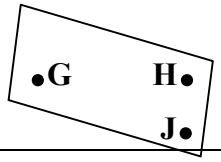
1. a. _____ b. _____ c. _____ 	**2.** a. _____ b. _____ c. _____ 	**3.** a. _____ b. _____ c. _____ 
4. a. _____ b. _____ c. _____ 	**5.** a. _____ b. _____ c. _____	**6.** a. _____ b. _____ c. _____ 
7. a. _____ b. _____ c. _____ 	**8.** a. _____ b. _____ c. _____ 	**9.** a. _____ b. _____ c. _____ 
10. a. _____ b. _____ c. _____ 	**11.** a. _____ b. _____ c. _____ 	**12.** a. _____ b. _____ c. _____ 

Points, Lines, and Planes

Draw and label the figure.

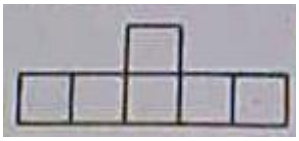
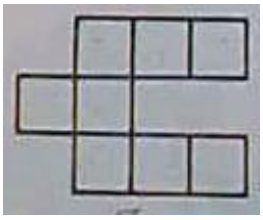
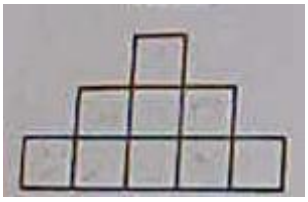
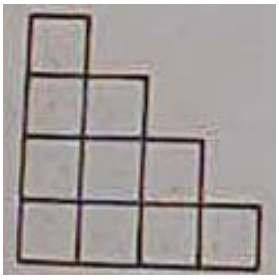
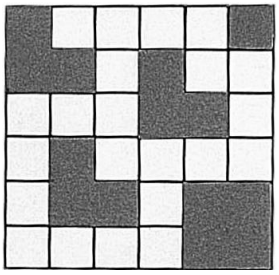
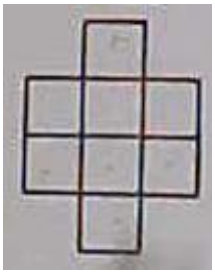
13. Ray AB on Plane ABC	**14.** Line CD intersecting line EF at Point G.	**15.** Point H not on line JK.
16. Plane KLM containing Point N but not line OP.	**17.** Line HI intersecting Line JK at Point L in Plane PQR.	**18.** Point C on Ray DE.
19. Line Segment FG containing Points H, I, and J but not K or L.	**20.** Line XY intersecting Ray QR.	**21.** Plane ABC containing Line DE and Point F.

Name the figure and label correctly.

22. 	**23.** 	**24.** 
25. 	**26.**	**27.** 

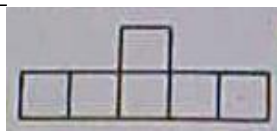
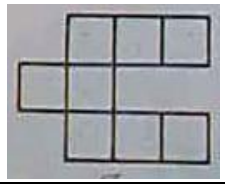
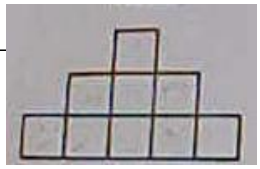
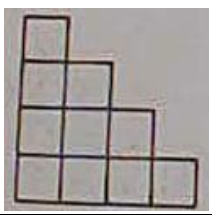
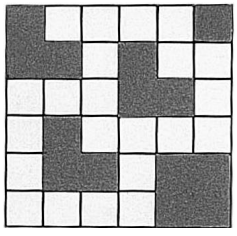
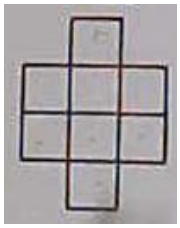
Area and Perimeter

Find the area and perimeter for each figure.

28.  **A=_____ P=_____**	**29.**  **A=_____ P=_____**	**30.**  **A=_____ P=_____**
31.  A=_____ P=_____	**32.**  **A=_____ P=_____**	**33.**  **A=_____ P=_____**

Probability

Find the probability as a fraction, decimal, and percent.

34. What is the probability a bird will land on a square in the top row? _____ 	**35.** What is the probability a bird will land on a square in the second column? _____ 	**36.** What is the probability a bird will land on a square in the middle row? _____ 
37. What is the probability a bird will land in a square that is not touching an outside edge? _____ 	**38.** What is the probability a bird will land in a black square? _____ 	**39.** What is the probability a bird will land on a square in the middle two rows? _____