

Tessellations

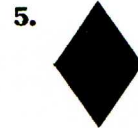
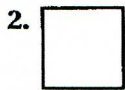
III - Explore

Vocabulary

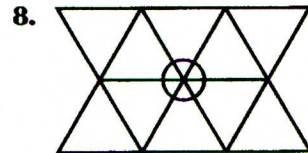
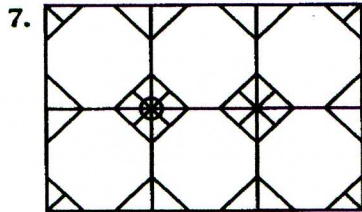
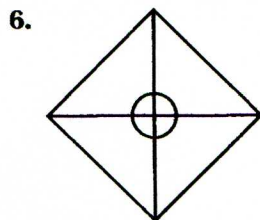
Complete.

1. An arrangement of shapes that completely covers a plane, with no gaps or overlaps, is called a _____.

Tell whether each shape forms a tessellation. Write *yes* or *no*.



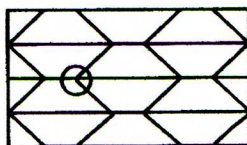
Find the measures of the angles that surround the circled vertex. Then find the sum of the measures.



Mixed Applications

For Problems 9–10, use the figure at the right.

9. What polygons are at the circled vertex?



10. What is the sum of the measures of the angles at the circled vertex?

11. Jon has a square pizza. He cuts it into pieces along all the lines of symmetry of the square. How many pieces does he have?
