A diagonal connects two non-adjacent vertices of a polygon. Draw only the diagonals needed to divide each figure into the smaller figures given.

1. 2 equilateral triangles
   2 quadrilaterals

2. 2 right triangles
   2 isosceles triangles

3. 1 trapezoid
   1 isosceles triangle
   1 scalene triangle

4. 3 isosceles triangles
   1 equilateral triangle

5. 1 pentagon
   1 isosceles triangle

6. 1 quadrilateral
   2 isosceles triangles

7. 4 equilateral triangles
   4 right triangles

8. 2 squares
   4 right triangles