Math4020, Polygon Relationships Worksheet

1. Draw a Venn Diagram illustrating the relationships among the terms: kite, rhombus, parallelogram.

2. Draw a Venn Diagram illustrating the relationships among the terms: quadrilateral, parallelogram, trapezoid, isosceles trapezoid, rectangle, rhombus, square, kite.

3. Draw a Venn Diagram illustrating the relationships among the terms: scalene triangle, isosceles triangle, equilateral triangle, acute triangle, right triangle, obtuse triangle.

4. Fill in this table. If the listed shape is possible, draw an example. If the listed shape is not possible, check the Not Possible section.

Shape	Possible	Not Possible
Isosceles right triangle		
Scalene triangle with all equal angles		
Triangle with two obtuse angles		
Acute isosceles triangle		
Acute right triangle		
Triangle with two right angles		
Equilateral right triangle		