

Math 118 - Dr. Miller - Activity #13: Types of Triangles and Quadrilaterals

Try to sketch the following shapes, marking their sides or angles to clearly show necessary relationships. If a certain figure is impossible to make, say so and try to explain why.

1. non-square rectangle (that is, a rectangle that is not a square)



2. scalene right triangle



3. non-kite rhombus (that is, a rhombus that is not a kite)

*not possible - rhombuses are special kinds of kites*

4. isosceles trapezoid



5. non-rhomboid square (that is, ...)

*not possible*

6. isosceles obtuse triangle



7. equilateral right triangle

*not possible*

8. non-rectangular parallelogram (that is, ...)



9. quadrilateral of no familiar type



10. trapezoid with at least one right angle

