

Math 118 - Dr. Miller - Activity #9: Mixed 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)
4. isosceles trapezoid
5. non-rhomboid square (that is, ...)
6. isosceles obtuse triangle
7. equilateral right triangle
8. non-rectangular parallelogram (that is, ...)
9. quadrilateral of no familiar type
10. trapezoid with at least one right angle