

2D Quiz

$$\frac{18}{2} + \frac{\quad}{2} = \frac{\quad}{2}$$

Name \_\_\_\_\_

1. Fill in the blanks. [3]

a) A line that cuts a line segment in half at  $90^\circ$  is called a \_\_\_\_\_

b) The height of a triangle is also known as the \_\_\_\_\_

c) A line segment that joins a vertex of a triangle to the midpoint of the opposite side is called a \_\_\_\_\_

2. Circle True (T) or False (F) for each statement.

a) All squares are rectangles.                                    T        F

b) All rhombi are squares.                                        T        F

c) All squares are rhombi.                                        T        F

d) All rectangles are parallelograms.                        T        F

e) All kites are squares.    T        F

3. Determine the equation of the perpendicular bisector AB, where A(3,-4), B(-5,1) and C(-2,-3). [4]

4. Classify the quadrilateral. [6]

A(-6,5)                    B(12, -1)                    C(8,-13)                    D(-10,-7)