MTH 202 - Quiz 6

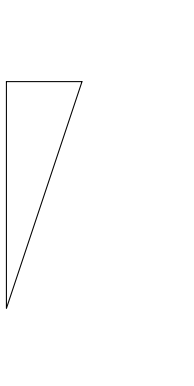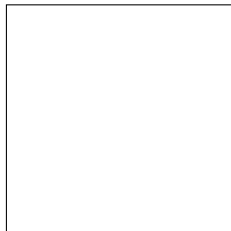### 23 October 2015

Name: _____

No calculators or other electronic devices are allowed on this quiz. If you need more space to solve a problem, use the back of the paper. In order to receive full credit, show all your work on the problems.

1. (3+3=6 points) Complete the following drawings.

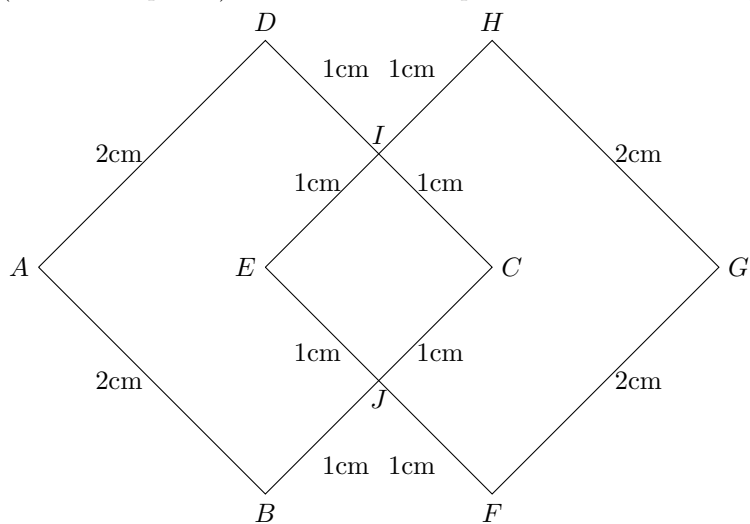   (a) Draw a reflection of the triangle over the provided line segment.

    (b) Draw a rotation of the provided square about the point A.

2. (4 points) Give an example of a tessellation.

3. (5+5+5=15 points) Find the area and perimeter of the following figures.

(a) $ABCD$.

(b) $ABCD \cup EFGH$.

(c) $(ABCD \cup EFGH) \cap EICJ^c$; that is, the part of the figure inside the two large squares and outside the small square.