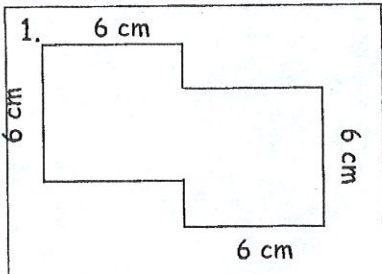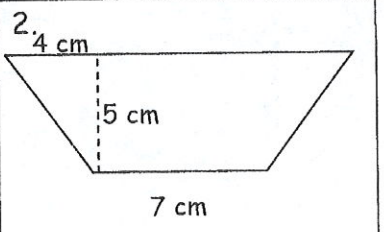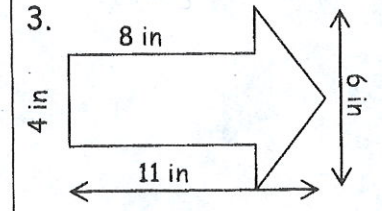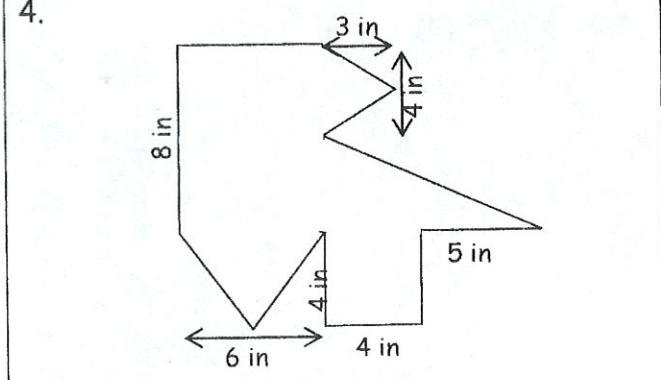Name _____   Date _____

Decomposing Polygons to Find Area

Directions: Decompose each polygon into rectangles and triangles to find the area.
1. Section the shape into rectangles and/or triangles.
2. Find the area of each rectangle and triangle.
3. Find the total area of the polygon.

1. 6 cm 6 cm 6 cm 6 cm Section into rectangles **or** triangles.	Work Space Total Area=	2. 4 cm 5 cm 7 cm Section into rectangles **or** triangles.	Work Space Total Area=
3. 8 in 4 in 6 in 11 in Section into rectangles **or** rectangles	Work Space Total Area=	4. 3 in 8 in 4 in 4 in 5 in 6 in 4 in	
5. Create your own polygon. You will need to be able to divide your polygon into at least 3 triangles and/or rectangles. Solve. Total Area=		Section into rectangles **or** triangles. Work Space Total Area=	