Dieckmann - Geometry   Name _____ Hour _____
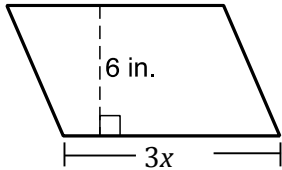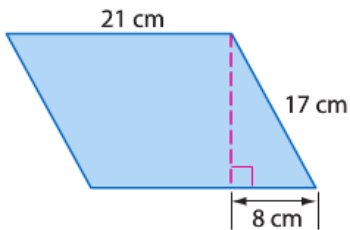
HWK #1 Special Parallelogram   **Due:**

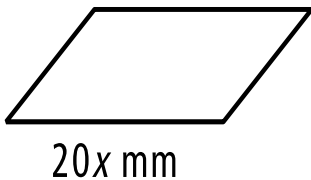1. Find the perimeter of a rectangle in which h = 8 in. and A = 28x sq. in.

2. The area of the parallelogram

6 in.

3x

3. Find the perimeter and area of the following.

21 cm

17 cm

8 cm

4. Find the height of the parallelogram in which $A = 182x$ in^2.

20x mm

5. Find the area of a square in which the diagonal is $2\sqrt{6}$.

6. Find the area of the polygon with the following vertices A (1, 2), B (2, -1), C (5, 0), and D (4, 3).