Geometry: Dieckmann/Kelly Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**HWK #3 Kite and Rhombus (Due: \_\_\_\_\_\_\_\_\_\_\_\_)**

1. Find the area of a rhombus with diagonals of (8x + 7) cm and (14x – 6) cm.

Answer: 56x2+25x-20 cm2

2. Find the area of the kite.



Answer: 1008 in2

3. Find the area of the rhombus.



Answer: 336 in2

4. Find of a kite in which in and in2

Answer: 34 inches

5. Find of a rhombus in which inches and in2

Answer: 8xy inches