Name: _____

1. Your sister has 24 feet of fencing and wants to make a rectangular pen for her pet rabbit. What dimensions (length and width) for the pen will completely use up all the fencing? Can you come up with **_two_** possible solutions?
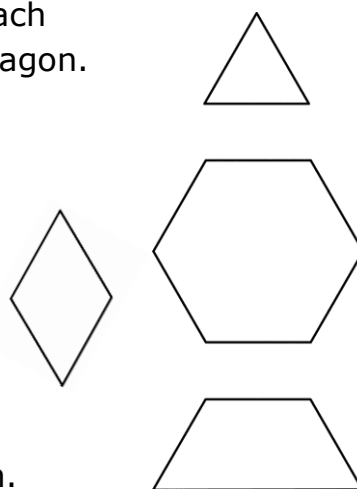
2. The hexagon on the right represents one whole. Each other shape represents a fraction of the whole hexagon. Write the fraction of the hexagon that each shape represents.

1 hexagon represents 1 whole hexagon.

1 trapezoid represents _____ hexagon.

1 triangle represents _____ hexagon.

1 rhombus (diamond) represents _____ hexagon.

3. Add or subtract _in columns_: (**Remember** to line up the decimal points!)

    2.1 + .94 = _____   4.8 − 2.47 = _____

4. What is the measure of ∠**C**? _____ →

C

60°   40°

B   A