Daily Dilemma #11: Answer Key

1. The shapes in A, B and C are congruent because the two shapes in each pair has the same size and shape.

2. He put 1/3 of 1/2 of the lenses in the drawer. So 1/6 of the total number of lenses is 3. Then he must have made 3 • 6 = 18 lenses.

3. B folds into a cube. In each of the other cases, a side is either covered twice or is left uncovered.

4.

Row	1	2	3	4	5
Number of clams in a row	2	4	6	8	10
Total number of clams	2	6	12	20	30

5.

6 ft   16 bars are needed

10 ft