**Lesson 2 Exit Ticket** Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Create the following shape patterns. Show five elements in the pattern. Identify at least one feature of each pattern.

1. Starting shape:

Rule: Add 2 squares attached to the right of the bottom row.

1. Starting shape:

Rule: Add 2 squares to the right side of the top bar of the F-shape, and add 1 square to the right side of the bottom bar of the F-shape.

1. Starting figure:

Rule: Add a shape with one additional side.

**Lesson 2 Exit Ticket** **(KEY)**

Create the following shape patterns. Show five elements in the pattern. Identify at least one feature of each pattern.

1. Starting shape:

Rule: Add 2 squares attached to the right of the bottom row.

***The number of squares in each figure is even.***

1. Starting shape:

Rule: Add 2 squares to the right side of the top bar of the F-shape, and add 1 square to the right side of the bottom bar of the F-shape.

***The number of squares in the top row gets increasingly longer than the number of squares in the bottom row by 1 each time.***

1. Starting three shapes:

Rule: Add a shape with one additional side.

***The number of sides alternates between odd and even.***