

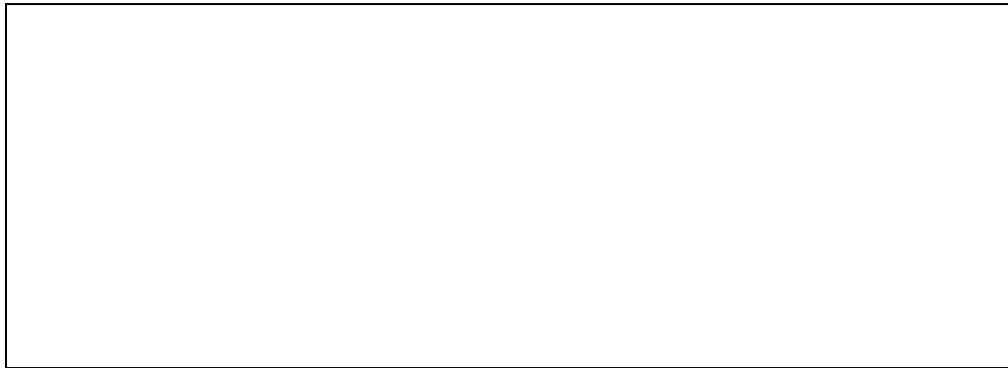
Name: _____

MATH CIRCLE

Session 1: Numbers as Geometric Shapes

A. Drawing Figurate Numbers

1. Using the marbles, represent the numbers 3, 6, 9 and 10 each in more than one way. Draw your designs for 6 below:



B. Square Numbers: Numbers that can be arranged into a square shape

2. Play with your tiles making different squares.

How many tiles are in a 7-by-7 square? _____ tiles.

How many tiles are in a 20-by-20 square? _____ tiles.

