**Factor Puzzles**

**You need**
- 2 dice marked 4, 5, 6, 7, 8, and 9
- a classmate
- counters (a different colour for each player)

**Activity**

The number beside each line segment is the product of the factors in the circles at each end of the line segment.

1. Name the missing factors for these polygons:
   a.  
   b.  
   c.  

2. Make up some number polygons for a classmate to solve.

**Game**

Take turns to roll the dice.

On your turn, multiply the two numbers showing on the dice and cover with a counter any square on the board that shows the product. Each number can only be covered by one counter.

The first player to cover three squares in a row (vertically, horizontally, or diagonally) wins. If neither player ends up with three counters next to each other, the game is a draw.