



Aim To capture the most area using adjoining rectangles. Materials

Two different coloured pens or erasable markers.

Rules

- prime or composite.

Player 1 Player 2

Number	Factors	Prime or Composite	Number	Factors	Prime or Composite

Australian Curriculum Links Recall multiplication facts up to 10 × 10 and related division facts (ACMNA075)

Identify and describe factors and multiples of whole numbers and use them to solve problems (ACMNA098)



Ones



1. Each player spin each of the two spinners and create a two digit number. 2. In the table, record the number you made, the factors it has and whether it is

3. For each of the pairs of factors, the player will draw a rectangle (array). 4. When drawing the rectangles, they must adjoin another rectangle.

Calculate perimeter and area of rectangles using familiar metric units (ACMMG109)

Identify and describe properties of prime, composite, square and triangular numbers (ACMNA122)