

Supporting Activities

Multiples



Multiple Maker: An activity for a group to use in class or intervention to help children's understanding of multiples.

Resources: You will need a 12 x 12 grid, 12-sided dice or digit cards 0-12, counters, whiteboards and whiteboard pens.

Activity: In pairs, take turns to roll the dice or pick a card. Each child makes an array to show any number which is a multiple of the number rolled. The grid can be used to support.

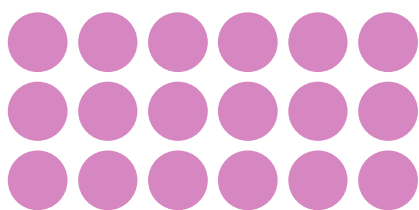
Example:

Partner 1: Roll a 9.

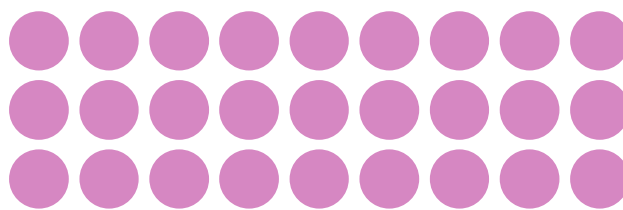
Partner 1: Creates an array showing 27.

Partner 2: Creates an array showing 18.

Repeat with other numbers.



$$3 \times 6 = 18$$



$$3 \times 9 = 27$$