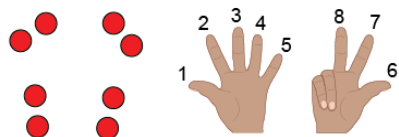


Activity 30 Assessment

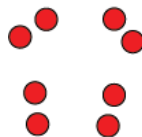
Properties of Multiplication

Multiplying 1-Digit Numbers

Groups objects and counts by 1s

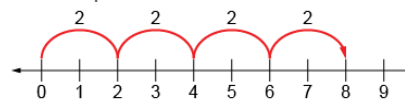


Groups objects and skip-counts



"2, 4, 6, 8"

Uses repeated addition



"2 + 2 + 2 + 2 = 8."

Models using multiplicative thinking

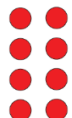


"4 rows of 2 is 8."

Observations/Documentation

Understands relationship between operations

"I can think of $2 + 2 + 2 + 2 = 8$ as 4 groups of 2."



Uses multiplication symbol

" $4 \times 2 = 8$ "

Multiplies fluently (e.g., uses properties of multiplication)

$4 \times 2 = 8$
 $2 \times 4 = 8$

Creates and solves problems involving equal groups

$4 \times 2 = 8$

"There are 4 bicycles in the shed. How many wheels are there altogether?"

Observations/Documentation