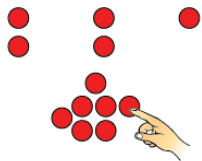


Activity 29 Assessment

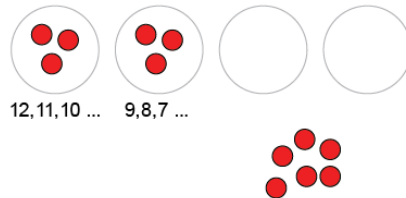
Relating Multiplication and Division

Dividing 1-Digit Numbers

Models using equal sharing

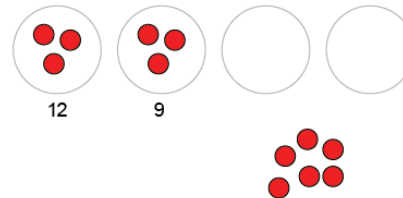


Models using equal grouping, counting by 1s

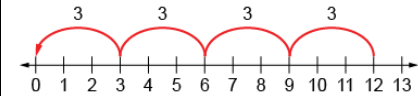


"I know 3 go in each group."

Models using equal grouping, skip-counting backward



Uses repeated subtraction



"4 jumps of 3 backward is the same as $12 - 3 - 3 - 3 - 3 = 0$."

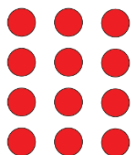
Observations/Documentation

Activity 29 Assessment

Relating Multiplication and Division

Dividing 1-Digit Numbers (con't)

Models using multiplicative thinking,
and uses division symbol

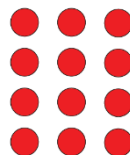


"12 divided into groups of 3 is
4 groups
 $12 \div 3 = 4$."

Divides fluently

"I know $12 \div 4 = 3$,
so $12 \div 3 = 4$."

Creates and solves problems
involving equal sharing and grouping



"There are 12 wheels
on tricycles in the shed.
How many tricycles are there?"

Understands relationships among
operations

"I know $12 - 3 - 3 - 3 - 3 = 0$,
so I also know that $12 \div 3 = 4$.
I also know that $4 \times 3 = 12$ "

Observations/Documentation