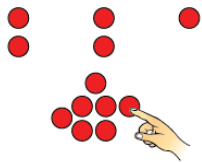


# Activity 28 Assessment

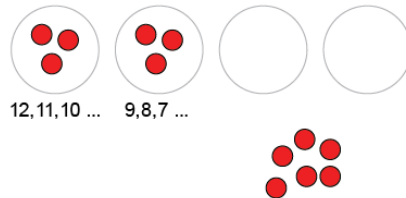
## Relating Multiplication and Division

### Dividing 1-Digit Numbers

Models using equal sharing

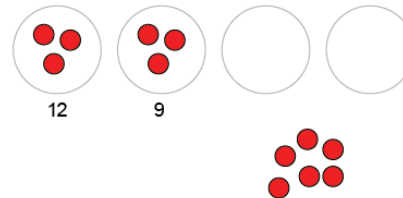


Models using equal grouping, counting by 1s

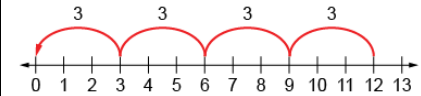


"I know 3 go in each group."

Models using equal grouping, skip-counting backward



Uses repeated subtraction



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

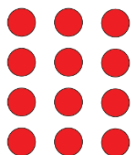
### Observations/Documentation

# Activity 28 Assessment

## Relating Multiplication and Division

### Dividing 1-Digit Numbers (con't)

Models using multiplicative thinking,  
and uses division symbol

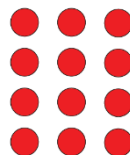


"12 divided into groups of 3 is  
4 groups  
 $12 \div 3 = 4$ ."

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