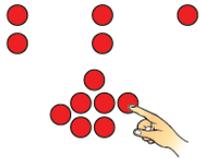


Activity 24 Assessment

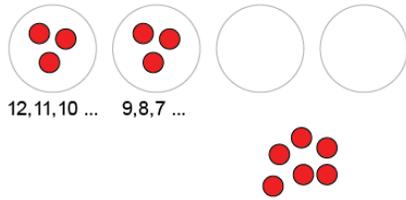
Multiplication and Division Fact Families

Dividing 1-Digit Numbers

Models using equal sharing

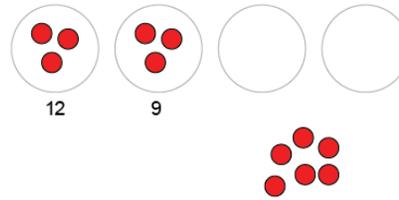


Models using equal grouping, counting by 1s

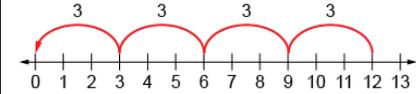


"I know 3 go in each group."

Models using equal grouping, skip-counting backward



Uses repeated subtraction

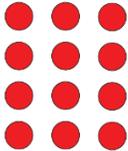
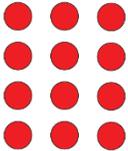


"4 jumps of 3 backward is the same as $12 - 3 - 3 - 3 - 3 = 0$."

Observations/Documentation

Activity 24 Assessment

Multiplication and Division Fact Families

Dividing 1-Digit Numbers (con't)			
<p>Models using multiplicative thinking, and uses division symbol</p>  <p>“12 divided into groups of 3 is 4 groups $12 \div 3 = 4.$”</p>	<p>Divides fluently</p> <p>“I know $12 \div 4 = 3,$ so $12 \div 3 = 4.$”</p>	<p>Creates and solves problems involving equal sharing and grouping</p>  <p>“There are 12 wheels on tricycles in the shed. How many tricycles are there?”</p>	<p>Understands relationships among operations</p> <p>“I know $12 - 3 - 3 - 3 - 3 = 0,$ so I also know that $12 \div 3 = 4.$ I also know that $4 \times 3 = 12$”</p>
Observations/Documentation			