# Activity 32 Assessment
Building Fluency: The Games Room

Developing Fluency with Multiplication and Division

Models with concrete materials and counts by 1s	Uses skip-counting forward and backward	Works flexibly with numbers (e.g., uses repeated addition or subtraction, familiar facts, commutative property)
		"5 + 5 + 5 = 15 I know 2 × 5 = 10 and one more group of 5 is 15, so 3 × 5 = 15. I know 5 × 3 = 15, so 3 × 5 also equals 15."
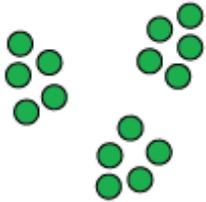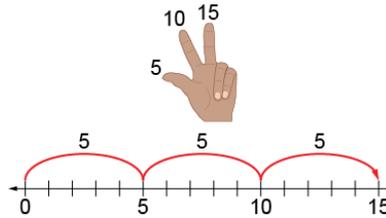
Observations/Documentation

Activity 32 Assessment
Building Fluency: The Games Room

Developing Fluency with Multiplication and Division (con't)

Uses familiar facts to solve ratios	Uses distributive property to help with unfamiliar facts	Fluently multiplies and divides

Uses familiar facts to solve ratios

1	2	3	4	5
× 5	× 5	× 5	× 5	× 5
5	10	15	20	25

"The ratio is 1:5. That means I multiply by 5. 2 × 5 = 10, so 2:10. 3 × 5 = 15, so 3:15."

Uses distributive property to help with unfamiliar facts

$2 \times 5 = 10$

$5 \times 5 = 25$

$10 + 25 = 35$
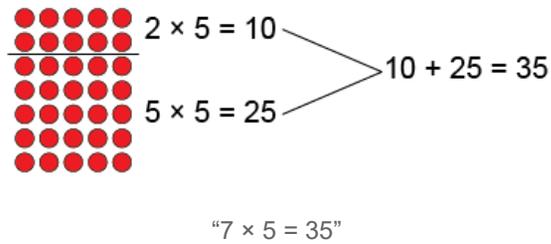
"7 × 5 = 35"

Fluently multiplies and divides

"I just know that 7 × 5 = 35."

Observations/Documentation