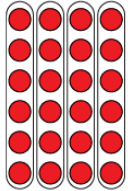


Activity 21 Assessment

Relating Multiplication and Division Facts

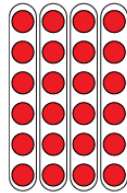
Fluency of Multiplication and Division Facts

Recalls and demonstrates multiplication and divisions facts to 5×5



"I know that $4 \times 6 = 24$ and that $24 \div 6 = 4$. The array shows both facts."
 (« Je sais que $4 \times 6 = 24$ et que $24 \div 6 = 4$. La matrice montre les deux faits. »)

Uses inverse operations to solve multiplication and division problems



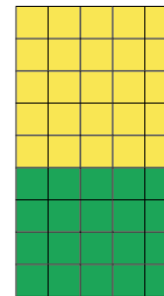
"I can rewrite $24 \div 6 = ?$ as $6 \times ? = 24$."
 (« Je peux réécrire $24 \div 6 = ?$ comme $6 \times ? = 24$. »)

Uses known facts to determine unknown facts

"I can use the distributive property to split the multiplication into facts that I know, then add."
 (« Je peux utiliser la distributivité pour diviser la multiplication en faits que je connais, puis additionner. »)

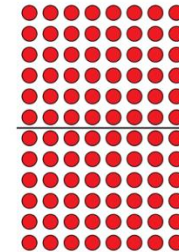
$$5 \times 9 = 5 \times 5 + 5 \times 4$$

$$25 + 20 = 45$$



Fluently creates and solves whole number multiplication problems with factors to 12 and related division problems

There are 96 basketballs with the same number on each of 12 shelves.
 (Il y a 96 ballons de basketball avec le même nombre de ballons sur chacune des 12 étagères.)



$12 \times \square = 96$, so $96 \div 12 = \square$
 $12 \times 8 = 96$
 Or
 $12 \times 8 = 6 \times 8 + 6 \times 8$
 $= 48 + 48$
 $= 96$

Observations/Documentation

Number

Activity 21 Assessment

Relating Multiplication and Division Facts