Commutative property of multiplication. Polyhedrons.

Lesson 23

1 Simplify and solve for X.	
X + 15 – (3 + 6) = 15	
X - (9 - 5 + 10) = 21	
X + 6 - (8 - 4) + 10 = 24	
X + 2 + (8 + 8 - 12) = 16	
2 Compare if possible, using $>, <, $ or =.	
$6 \times 2 \ 6 : 2 \qquad c \times 2 + c \ c \times 3 \qquad 5 \times 2 \ 5 + 2$	
7 × 3 $6 + 6 + 6$ $y × 4 + y × 2$ $y × 5$ $q × 2$ $q : 2$	
$6:3 \ 6:2 \ 24:6 \ 24:4 \ t:2 \ t:3$	
3 Solve the problems.	
Four kids shared 12 pancakes. How many pancakes did each kid eat?	
Check:	
A mom bought 5 cakes and spent \$25. How much did each cake cost?	
Check:	
There are 24 cookies total in 6 boxes. How many cookies are in one box?	
Check:	
A boy walked 18 km in 3 hours. How many kilometers did he walk each hour?	
Check:	
4 Write expressions for each word problem:	
n apples were divided among x kids. How many apples did each kid receive?	
\mathbf{x} cookies were distributed evenly into \mathbf{m} boxes. How many cookies are in each box	Ş

Commutative property of multiplication.

A rectangle is 4 cm long and 3 cm wide. Find the area of the rectangle in square centimeters (cm²). Look at the two ways to solve this problem illustrated by the drawings:





11 Imagine a bag with many red and many blue marbles inside.

You need to pick two marbles out of the bag. What colors could they be?



How many different outcomes could you get?



You need to pick four marbles out of the bag. What colors could they be?

How many different outcomes could you get? _____