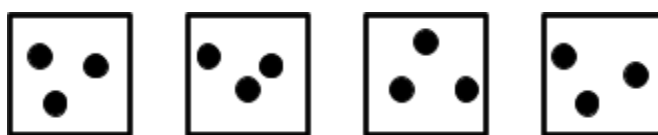


Parent Information: Multiplication & Division (2nd Grade)

Second grade students are introduced to multiplication and division with models and real-life situations where equal groups are joined or where a set is separated into equal sets.

Multiplication: Students draw a model and then count, skip count, or add to solve. Students can also solve the problem using a number line.

There are 4 boxes with 3 cookies in each box. How many total cookies are there?



3

6

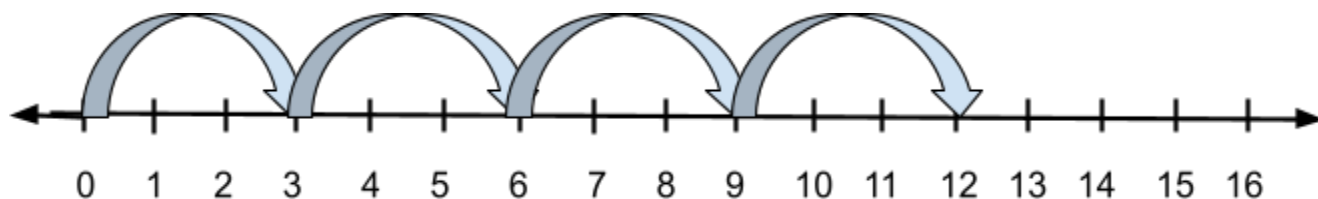
9

12

$$3 + 3 + 3 + 3 = 12$$

4 groups of 3 is 12

$$4 \times 3 = 12$$



Division: Students draw a model and then subtract or count to solve. Students can also solve the problem using a number line.

There are 10 cookies. Maria put the cookies in boxes. She put two cookies in each box. How many boxes did she use?



$$10 - 2 = 8$$

$$8 - 2 = 6$$

$$6 - 2 = 4$$

$$4 - 2 = 2$$

$$2 - 2 = 0 \quad \text{There are 5 groups of 2 cookies.}$$

10 cookies can be separated into 5 groups of 2.

$$10 \div 2 = 5$$

