

Learning Reminders

Multiply using arrays and beaded lines.

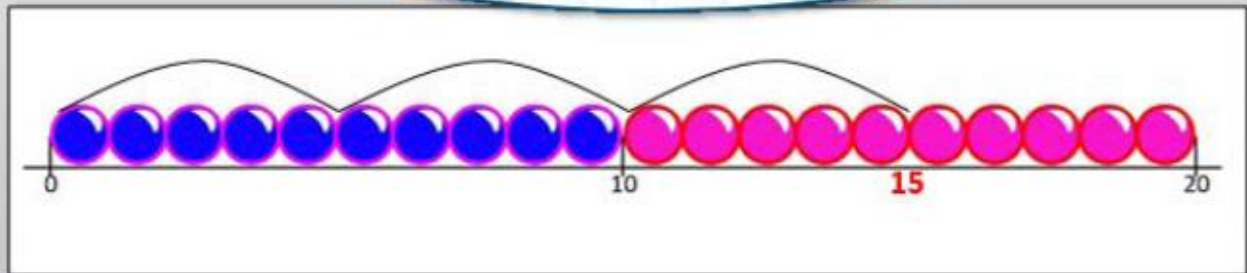


What can you see? How many rows? How many in each row? How many altogether? What number sentence could we write?



$$3 \times 5 = 15$$

3 lots of 5, or 3 times 5. How many lots of 5 are in 15? 3



Multiply using arrays and beaded lines.



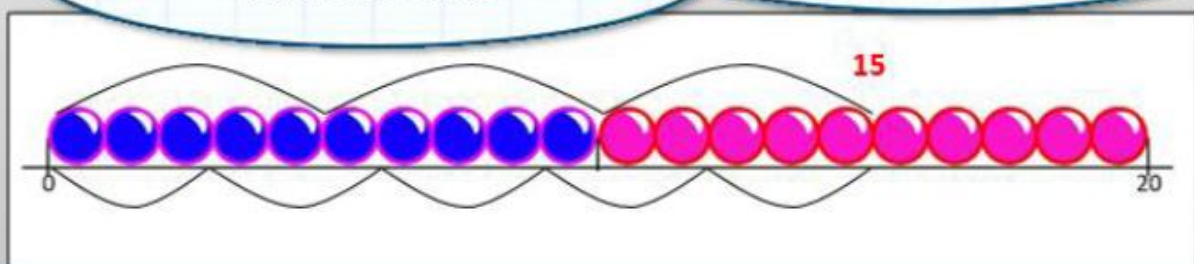
What can you see now? How many 3s are in 15? What number sentence can we write?



$$5 \times 3 = 15$$

5 lots of 3, or 5 times 3. How many lots of 3 are in 15? 5

3×5 and 5×3 have the same answer!



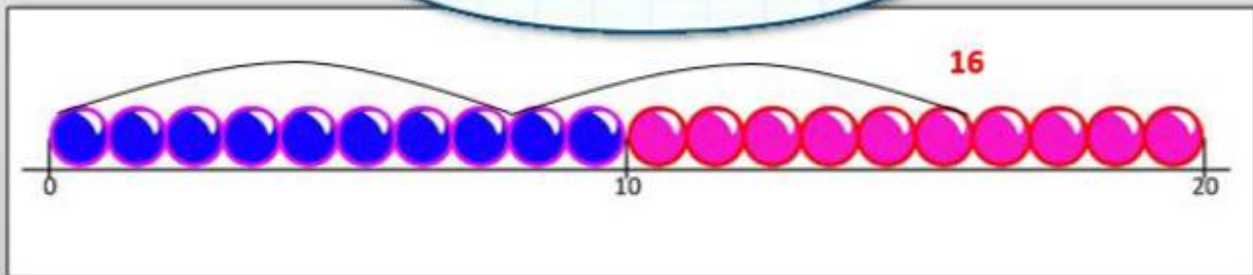
Multiply using arrays and beaded lines.



2 rows of 8.
What multiplication can we write?

$$2 \times 8 = 16$$

Let's check, 2 hops of 8 on the number line.



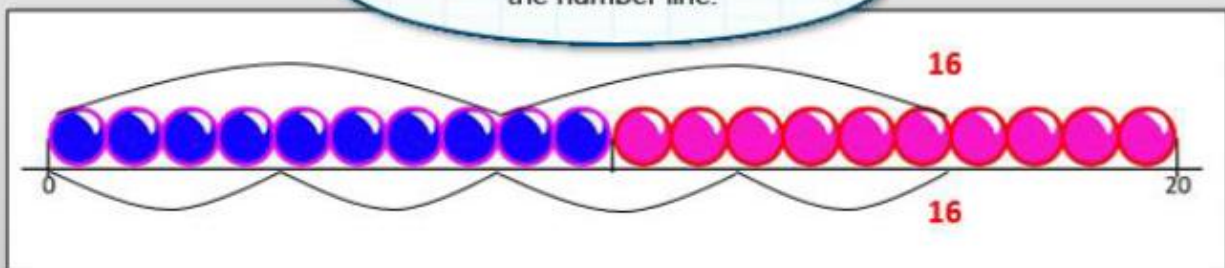
Multiply using arrays and beaded lines.



What multiplication can we write now? We still have 16 counters!

$$4 \times 4 = 16$$

Let's check, 4 hops of 4 on the number line.



Multiply using arrays and beaded lines.

$$2 \times 8 = 4 \times 4$$

The **equals sign is like a balance!**
The number sentences on each side have the same answer.

