Do Now

Aim: Discover that when multiplying, switching numbers will produce the same result.

Look at the tamales.

Write as repeated addition.

_____Or _____

Write as multiplication.

Multiplication Table

Aim: Discover that when multiplying, switching numbers will produce the same result.

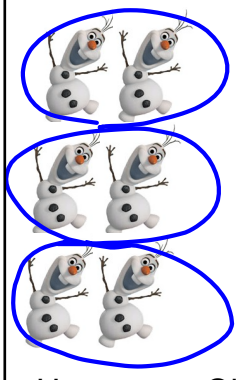
Complete the following multiplication table

·	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2										
3										
4										
5										
6										
7										
8										
9										
10										

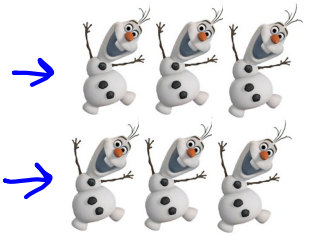
Array

Aim: Discover that when multiplying, switching numbers will produce the same result.

Write a multiplication for each (row first).



3 x 2



2 x 3

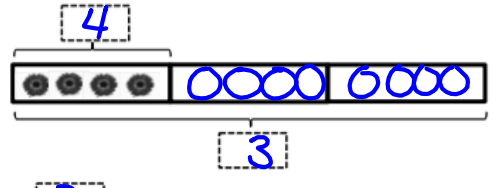
How many Olafs in each array? 6

Tape Diagram

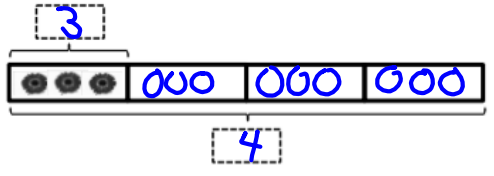
Aim: Discover that when multiplying, switching numbers will produce the same result.

Label the tape diagram and complete the equation. Then, draw an array to represent the problem

filas



3 × 4 = 12



4 × 3 = 12

Factor

Aim: Discover that when multiplying, switching numbers will produce the same result.

Each piece in a multiplication is called a *factor.*

Find the missing factor to make each equation true.

5 x 2 = 2 x 5

3 x 8 = 8 x 3

4 x 10 = 10 x 4

6 x 7 = 7 x 6

Answers to Classwork

Aim: Discover that when multiplying, switching numbers will produce the same result.

1. B
2. A
3. B
4. C
5. A
6. C
7. A
8. D
9. A
10. B