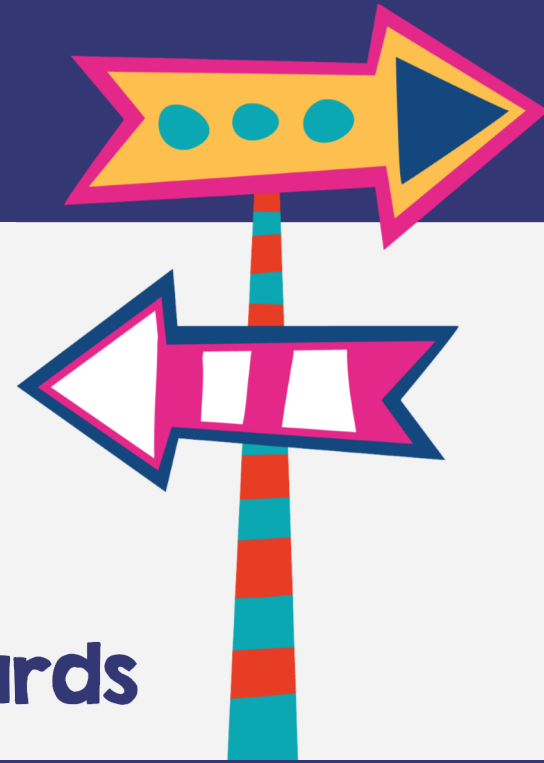


Adventures in Guided Math

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Developing Fact Fluency

2s Facts Scaffolding Flashcards



 $2 \times 6 =$	 $6 \times 2 =$	 $2 \times 7 =$	 $2 =$	 $2 \times 7 =$
 $7 \times 2 =$	 $2 \times 8 =$	 $8 \times 2 =$	 $2 \times 10 =$	 $8 =$
 $2 \times 1 =$	 $1 \times 2 =$	 $9 \times 2 =$	 $2 =$	 $2 \times 10 =$
 $2 \times 3 =$	 $3 \times 2 =$	 $2 \times 9 =$		
 $4 \times 2 =$	 $2 \times 5 =$	 $5 \times 2 =$		

Multiplication Fact
Fluency

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Scaffolding Multiplication Fact Flashcards: 2s Facts

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Rationale:

Flashcard use is an important part of basic fact practice. Practice should be done at the concrete, semi-concrete/pictorial, and abstract levels (in that order). This process is referred to as CSA or CPA.

Concrete—A student uses fact cards (with the numbers and symbols), BUT he/she physically models a strategy using manipulatives/tools.

Semi-concrete/Pictorial—A student uses **scaffolding flashcards**—those with a basic fact and visual representation of a strategy.

Abstract—A student uses fact cards with the numbers and symbols only. The goal is not to drill BUT to know products from memory.

At whatever flashcard level my students are practicing, I always expect them to talk to each other about what strategy they are using or use self-talk when working alone.

Scaffolding Multiplication Fact Flashcards: 2s Facts

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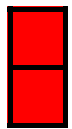
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- The following multiplication fact cards are used to **scaffold** students from concrete representation of facts (using manipulatives) to abstract understanding (using a strategy and/or saying the answer when given a fact without using manipulatives or pictures). These cards provide pictorial representation of various strategies that are an important “stepping stone”.
- When working as partners, students should always explain their thinking/reasoning to one another aloud.
- Simply write the sums in pencil on the back of each card. All cards can also be printed in grayscale.

Font courtesy of [KG Fonts](#).

Cover Arrow Graphic Courtesy of

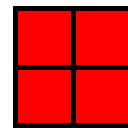
[Lettering Delights](#)



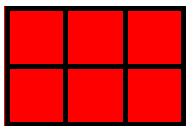
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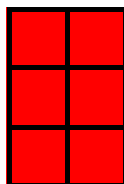
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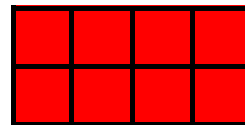
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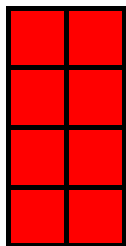
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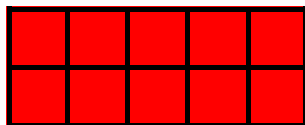
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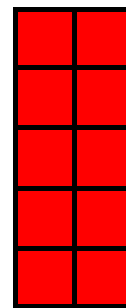
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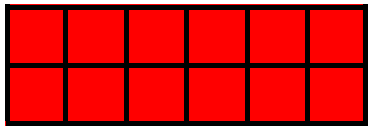
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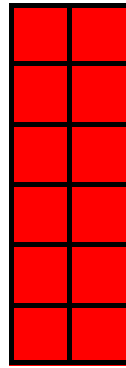
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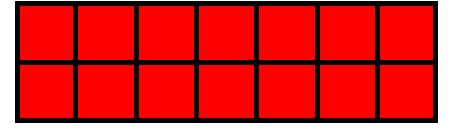
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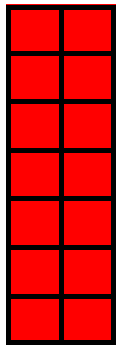
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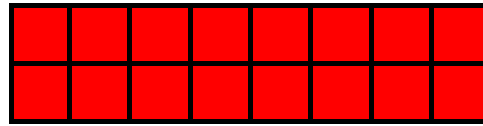
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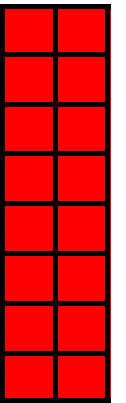
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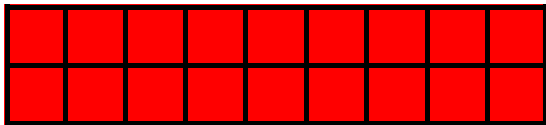
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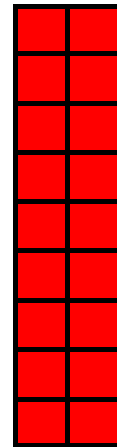
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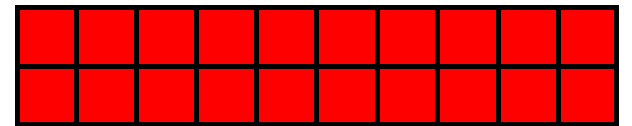
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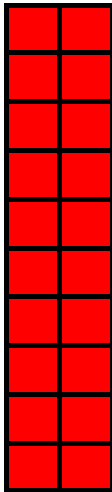


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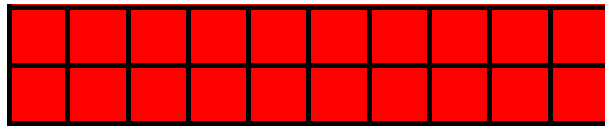


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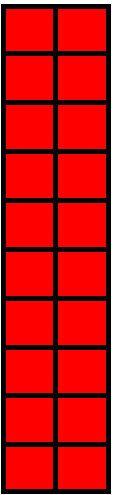
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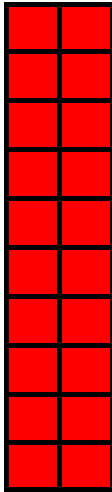
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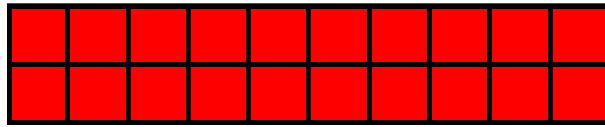
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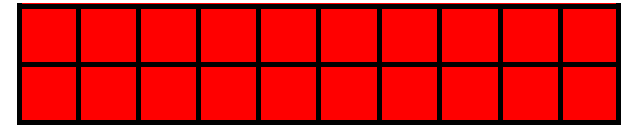
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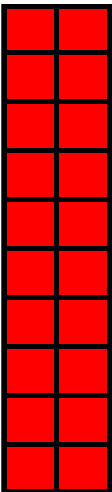
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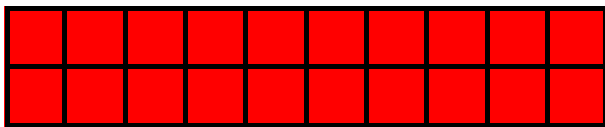
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10×2



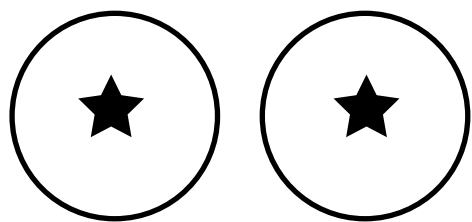
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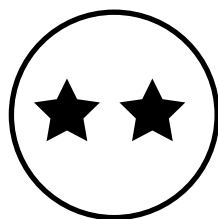
2s Multiplication

Arrays

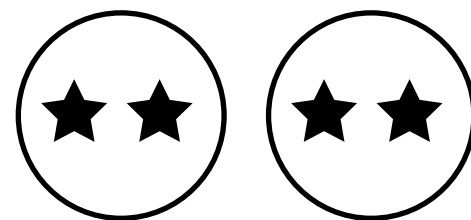
Print on cardstock, cut, and
laminare for extended use.



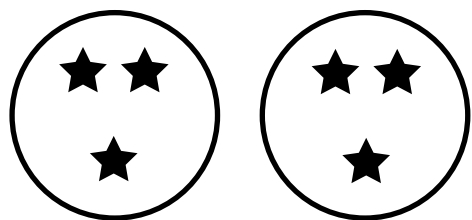
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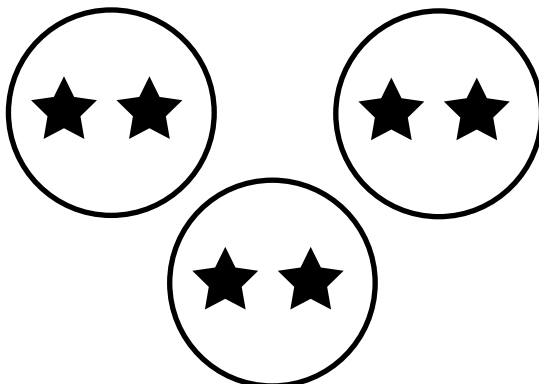
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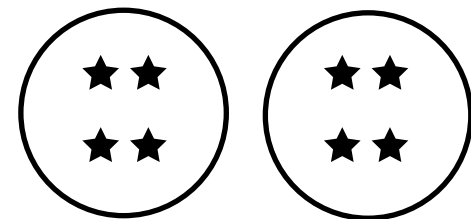
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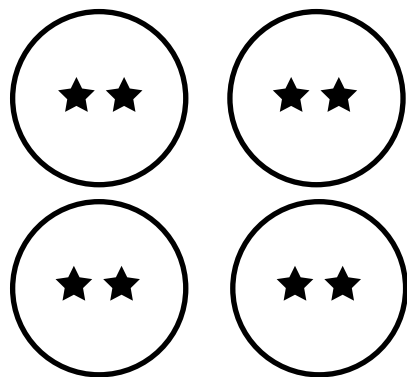
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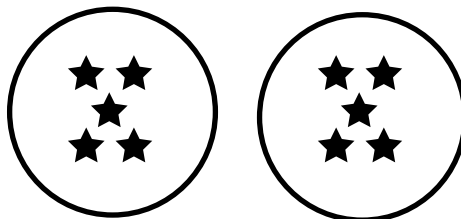
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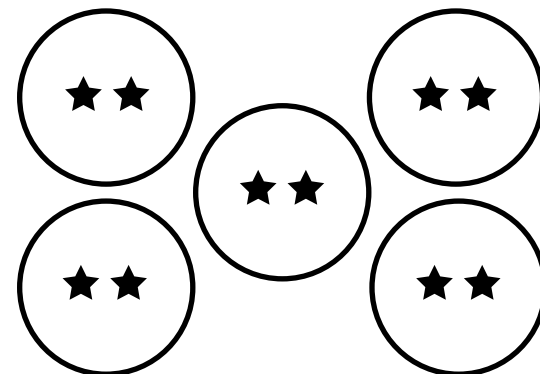
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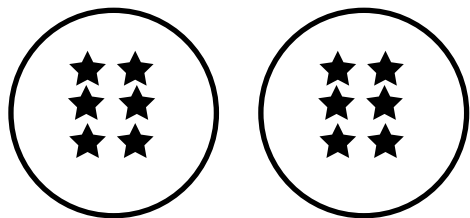
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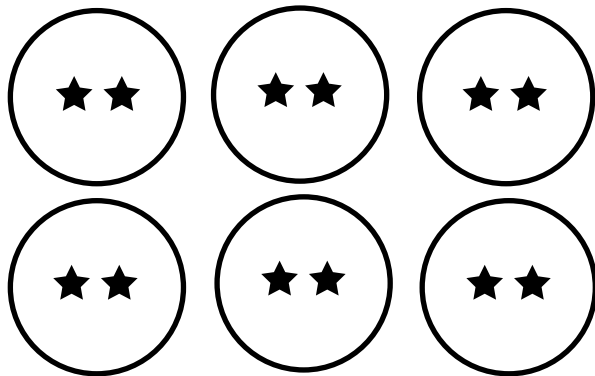
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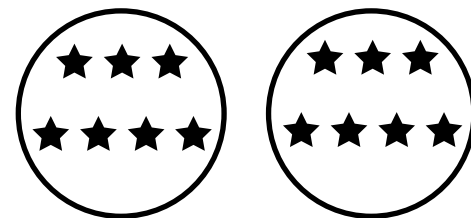
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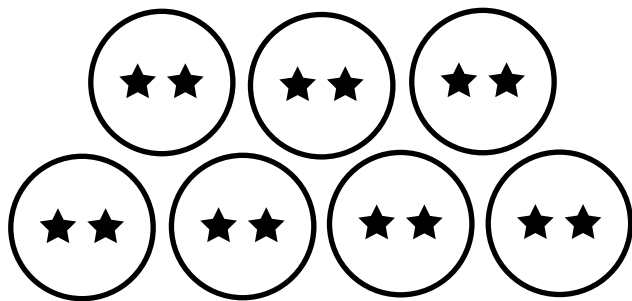
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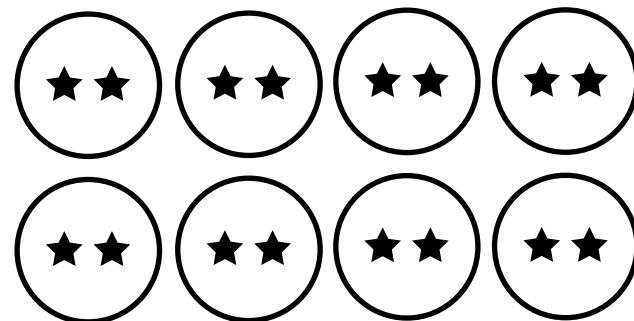
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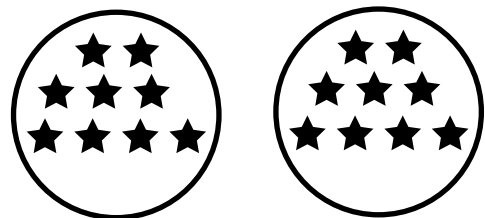
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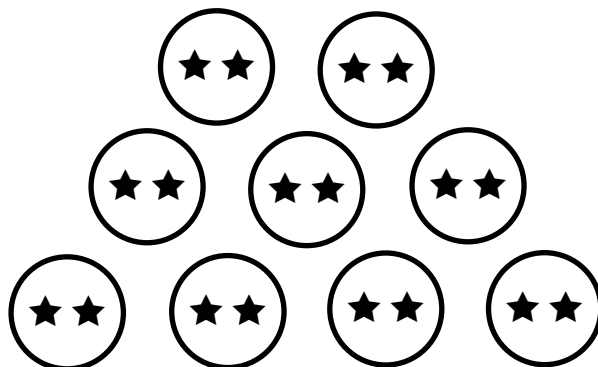
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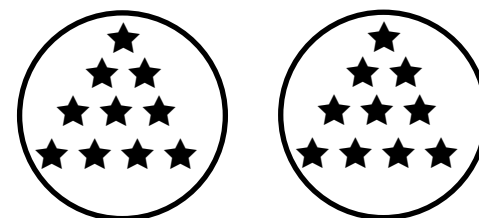
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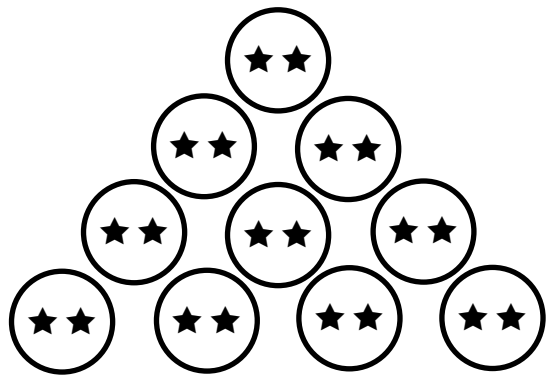
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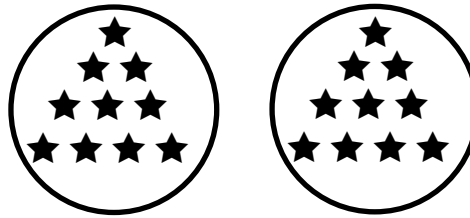
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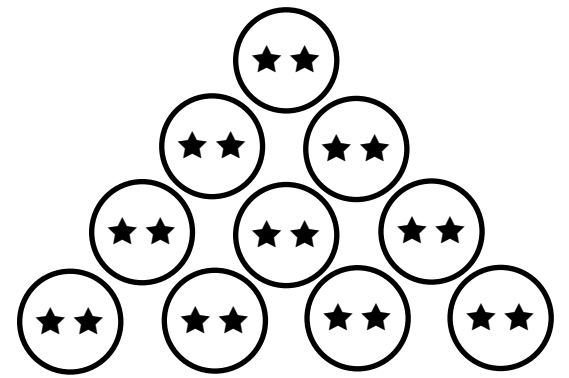
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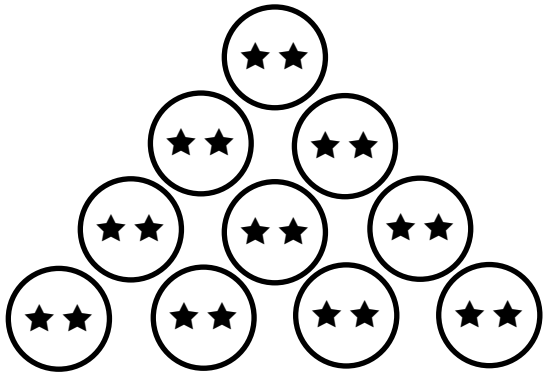
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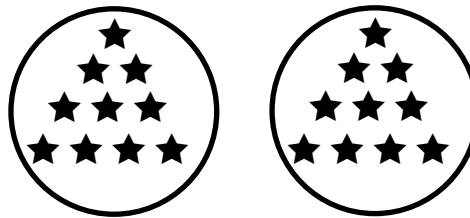
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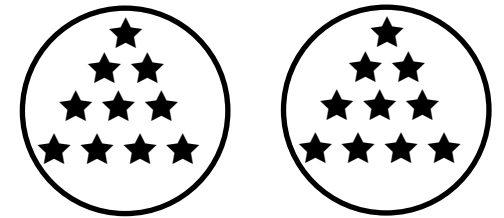
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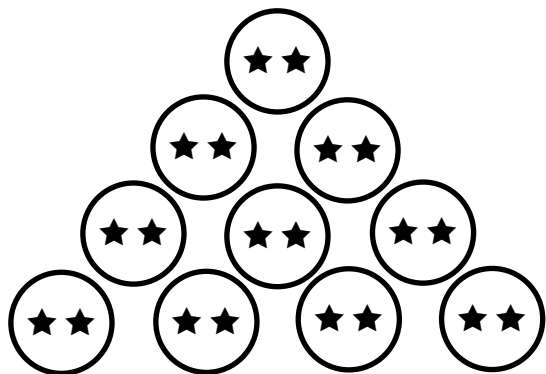
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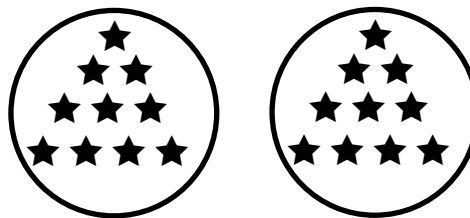
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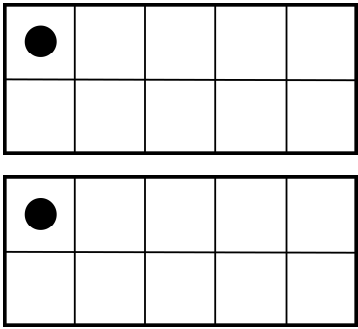


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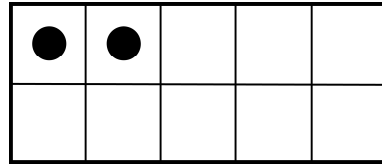


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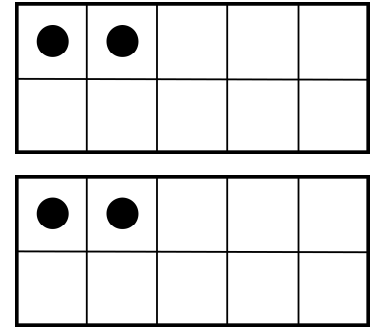
2s Multiplication
Equal Groups
Print on cardstock, cut, and
laminare for extended use.



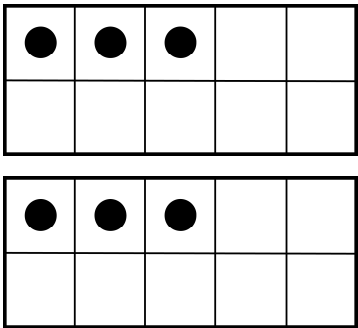
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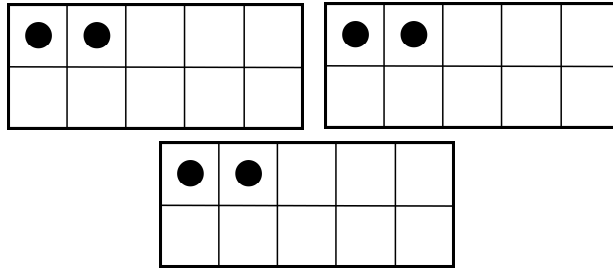
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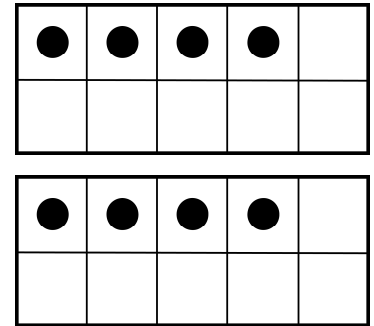
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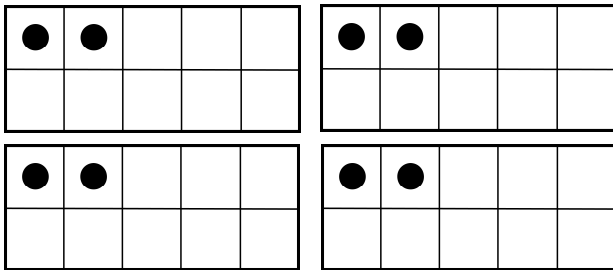
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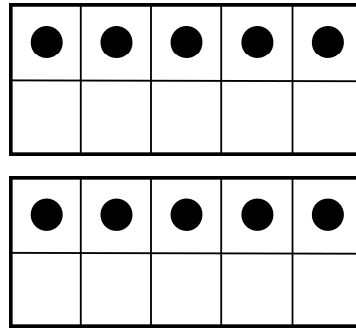
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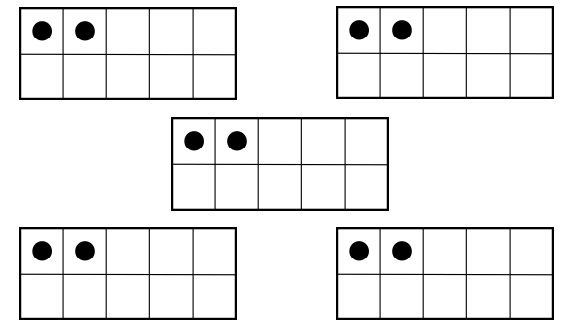
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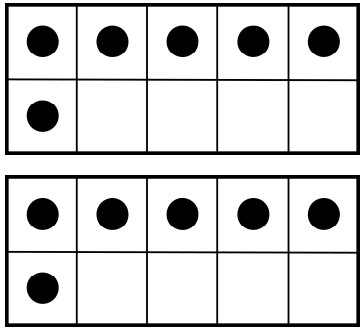
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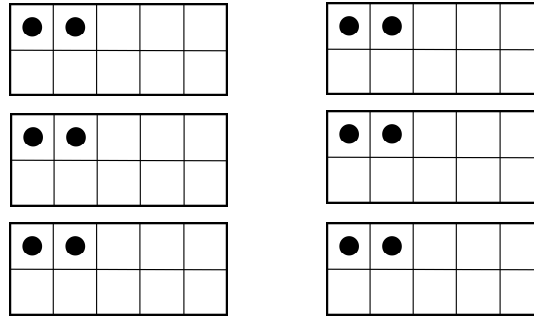
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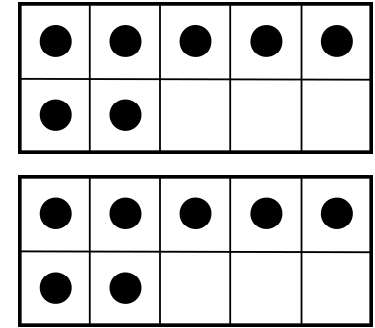
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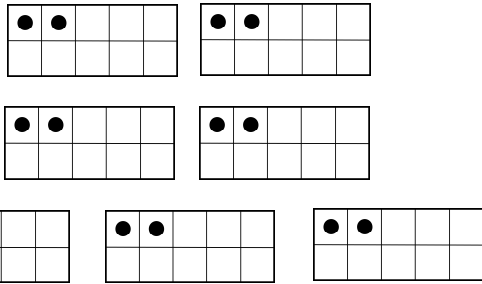
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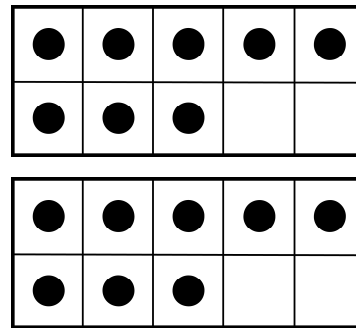
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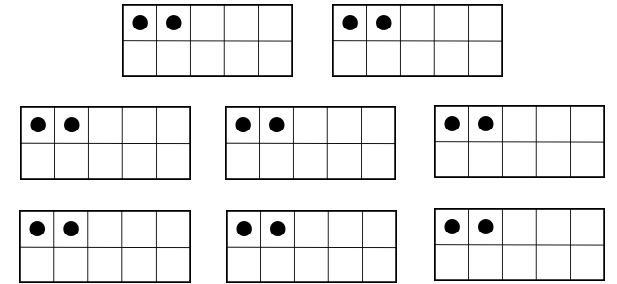
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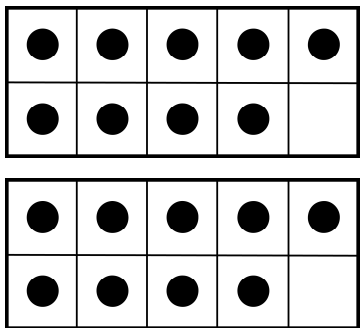
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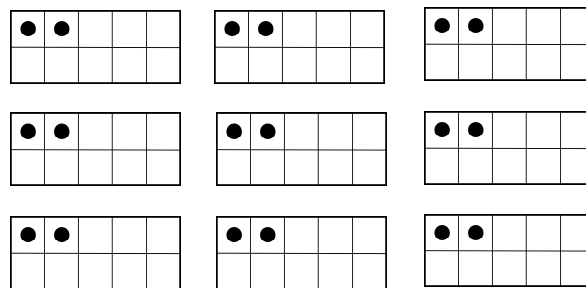
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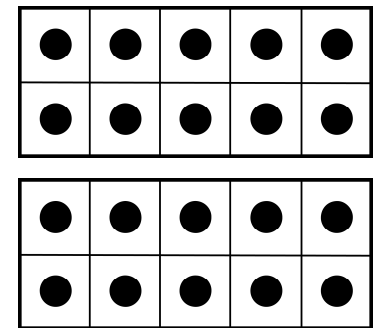
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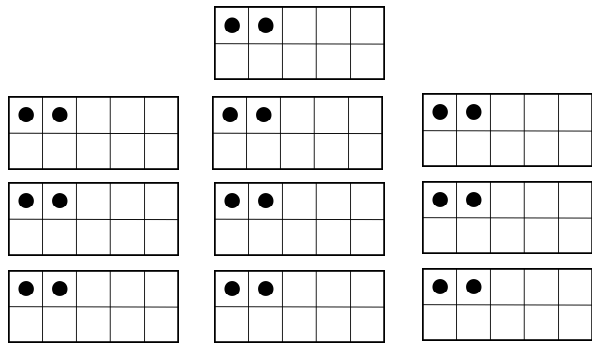
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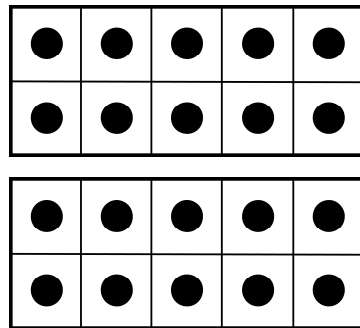
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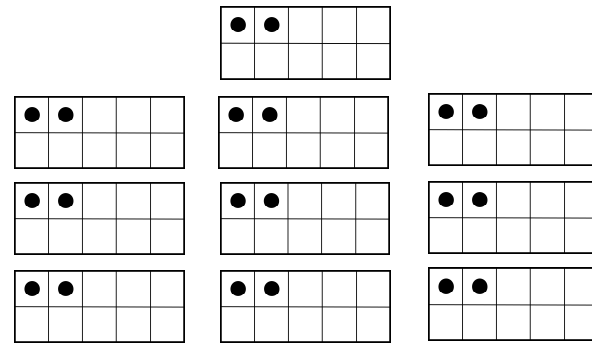
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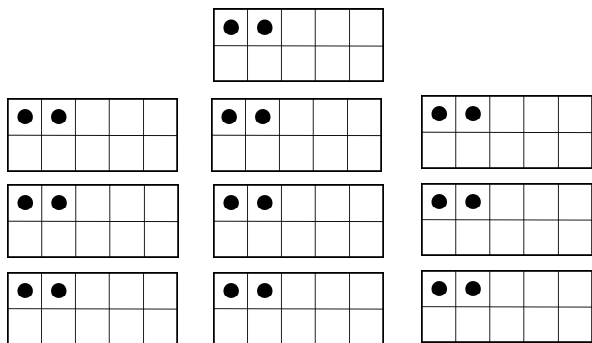
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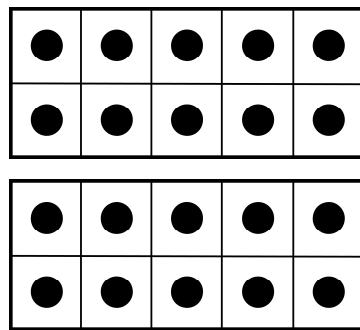
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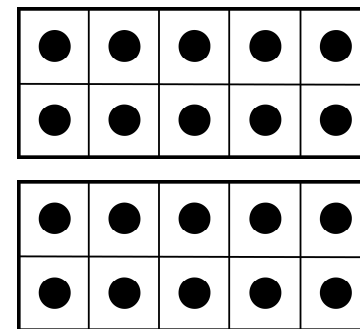
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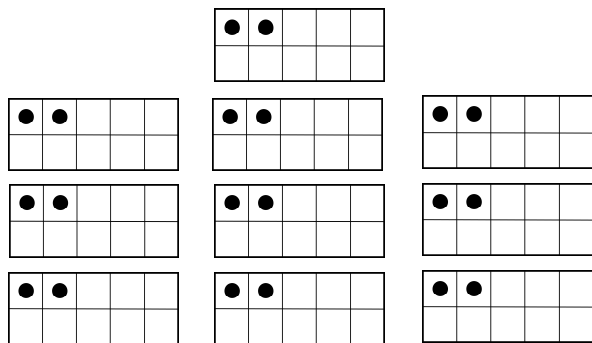
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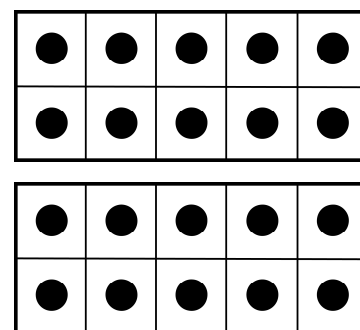
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$$2 \times 10$$



$$10 \times 2$$



$$2 \times 10$$

2s Multiplication

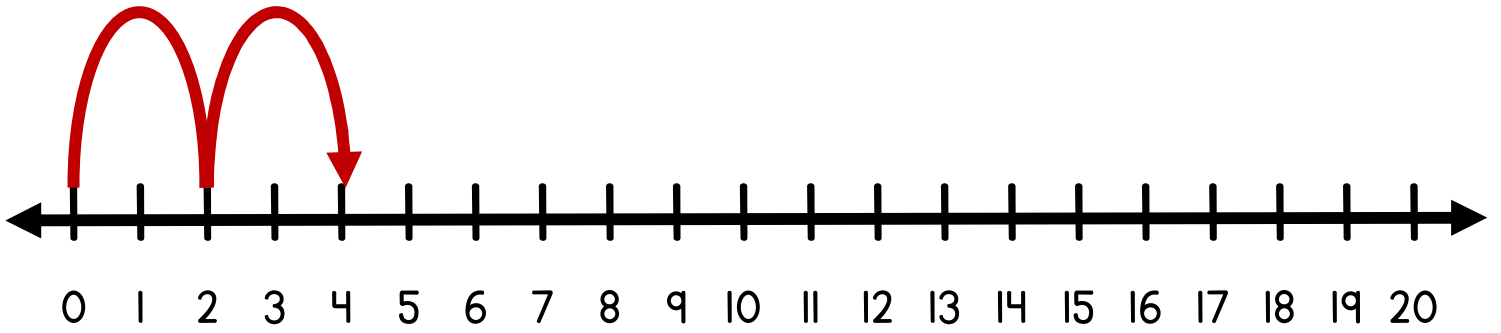
Ten Frames

Print on cardstock, cut, and laminate for extended use.

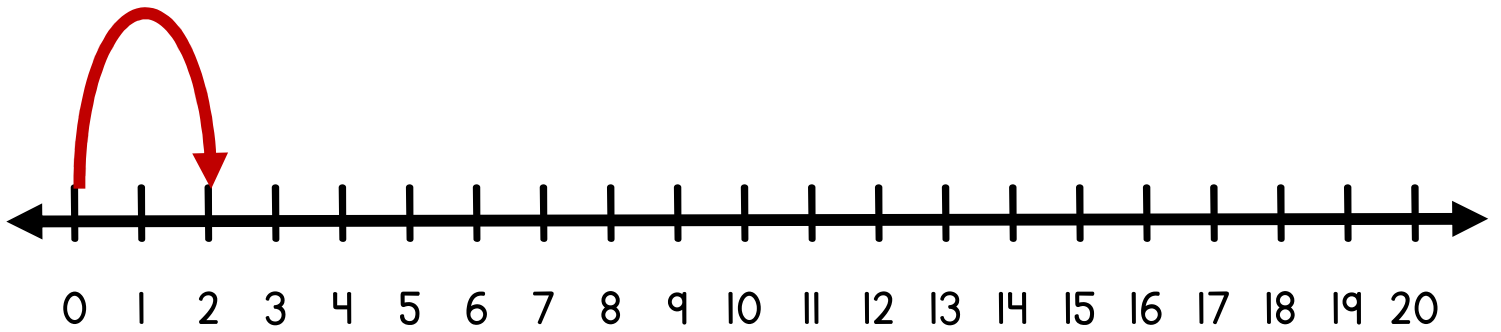
2s Multiplication

Number Lines

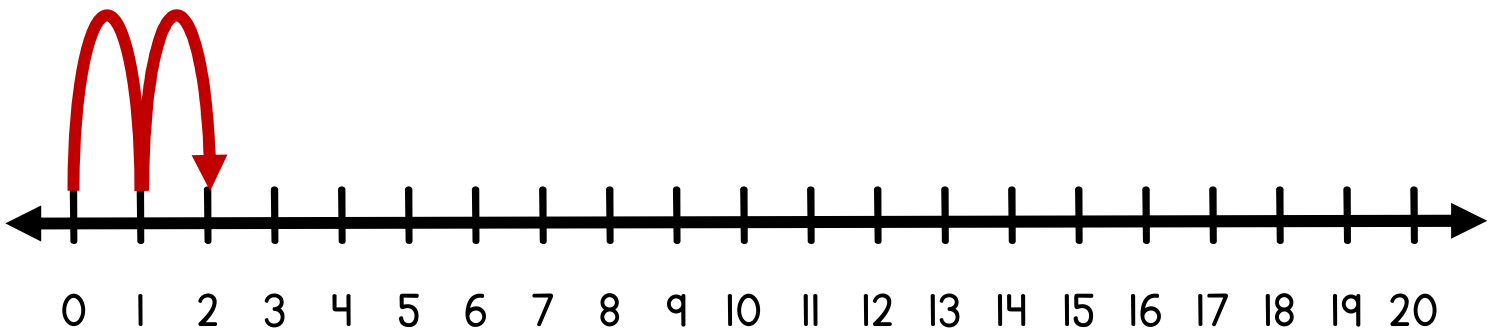
Print on cardstock, cut, and laminate for extended use.



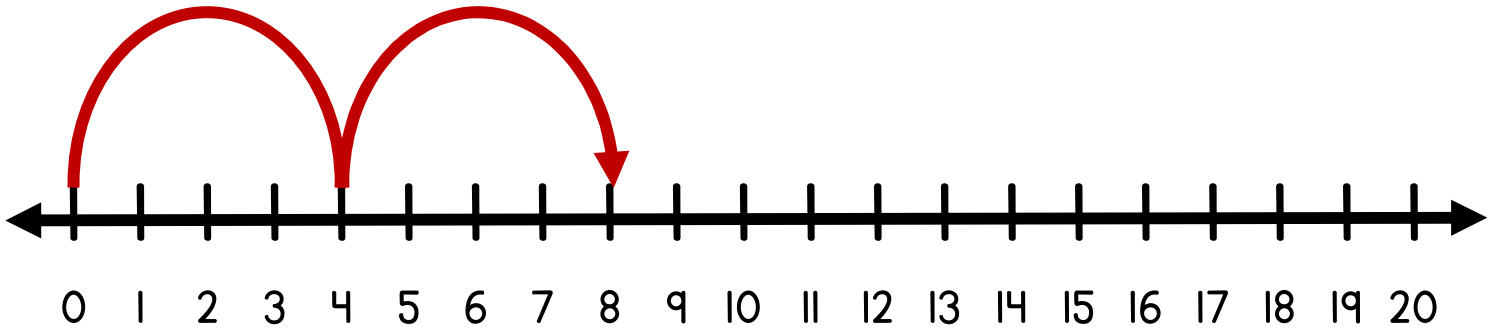
$$2 \times 2$$



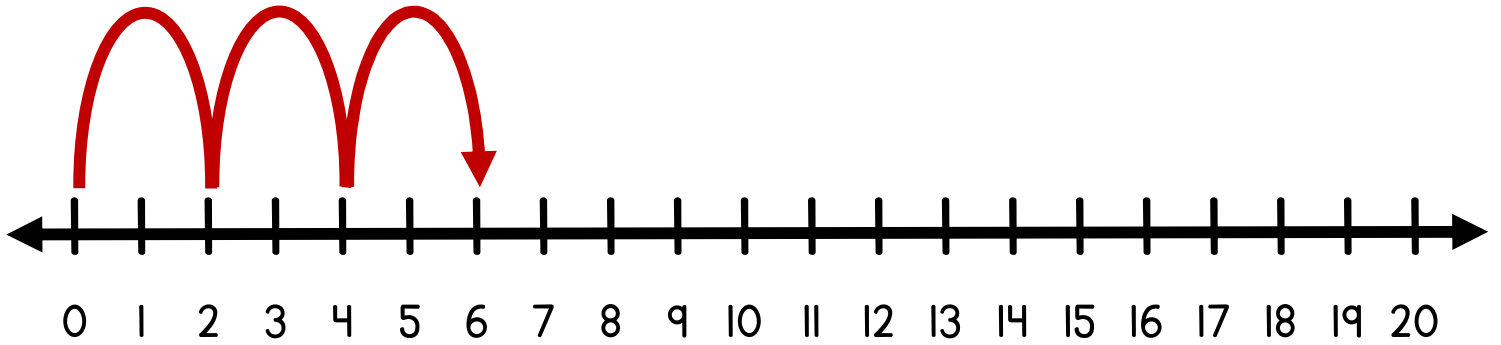
$$1 \times 2$$



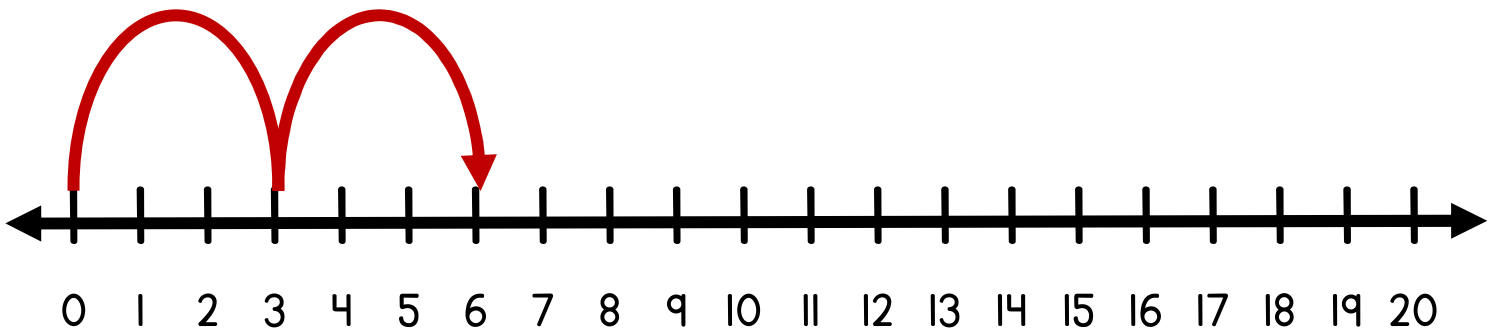
$$2 \times 1$$



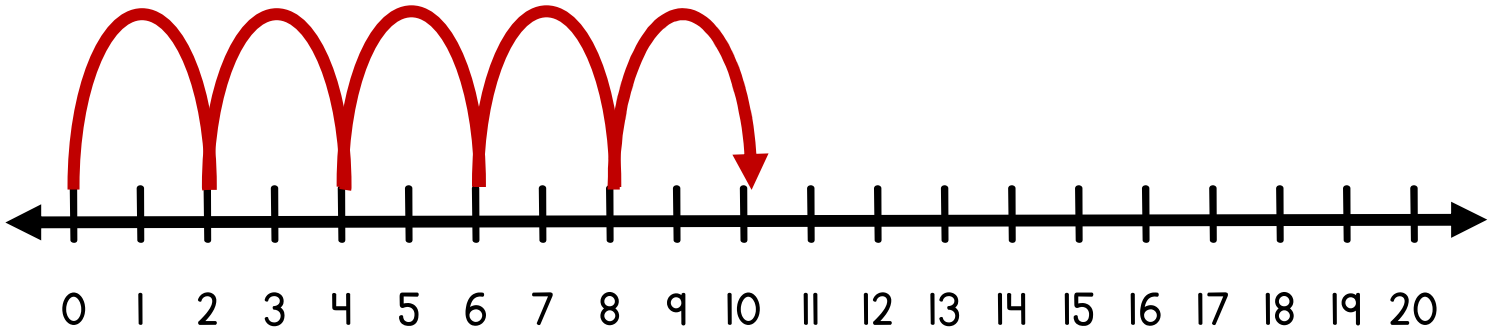
$$2 \times 4$$



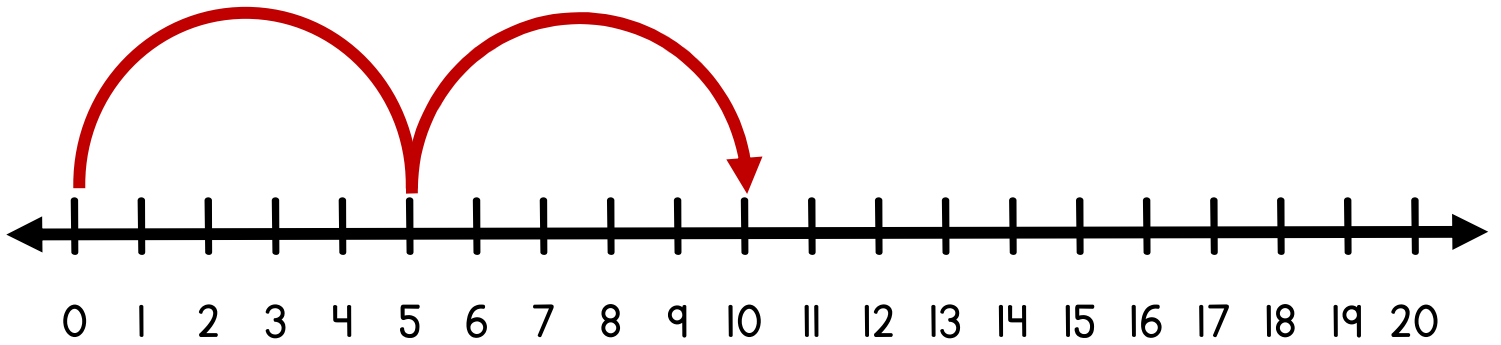
$$3 \times 2$$



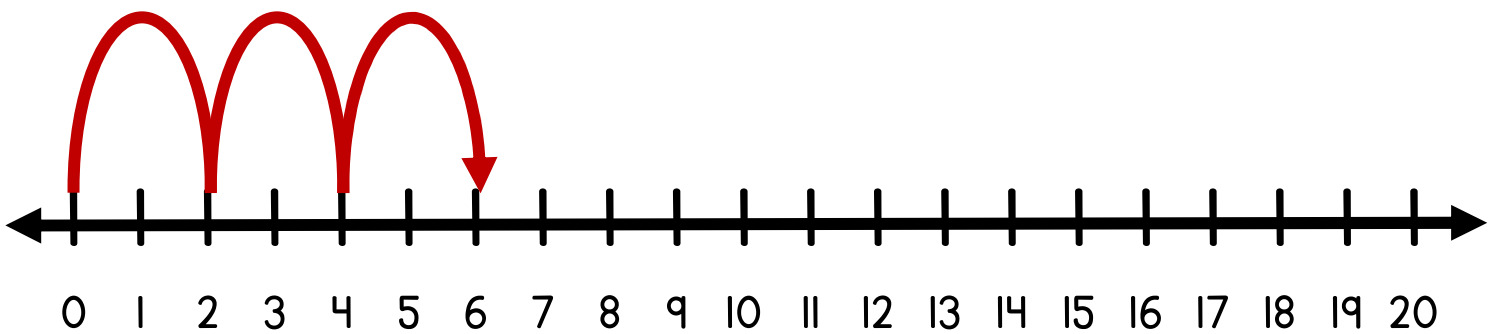
$$2 \times 3$$



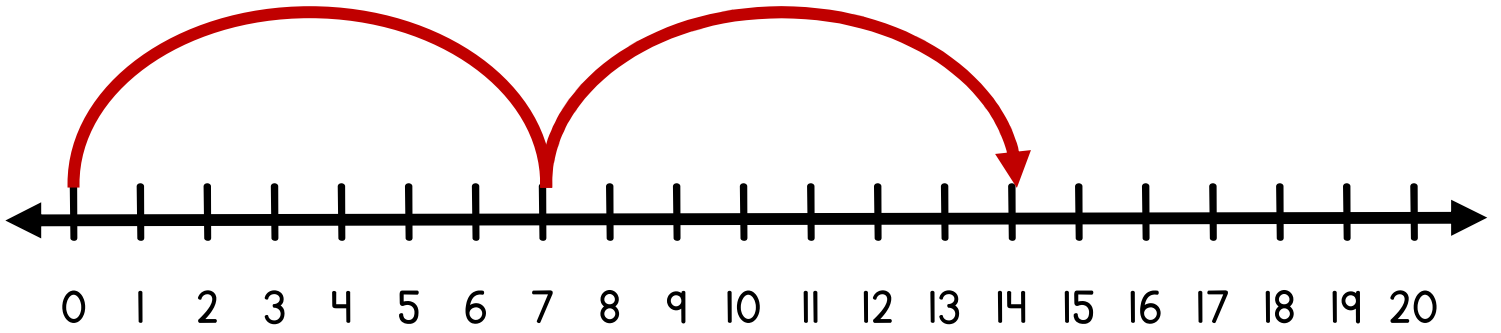
$$5 \times 2$$



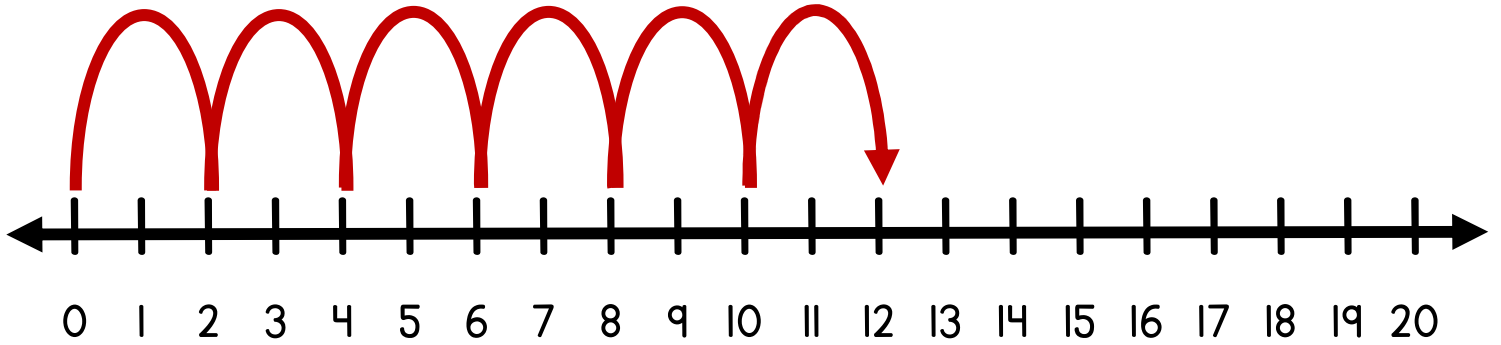
$$2 \times 5$$



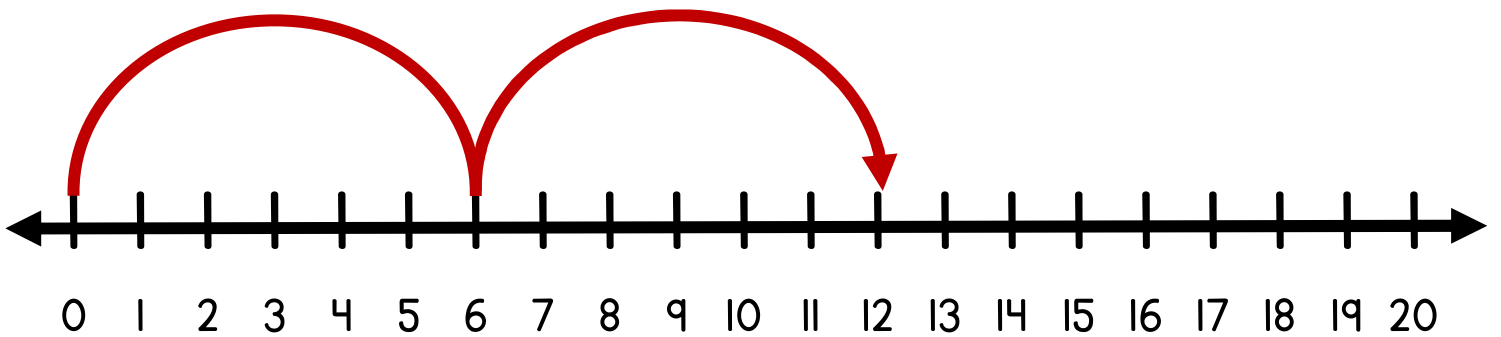
$$4 \times 2$$



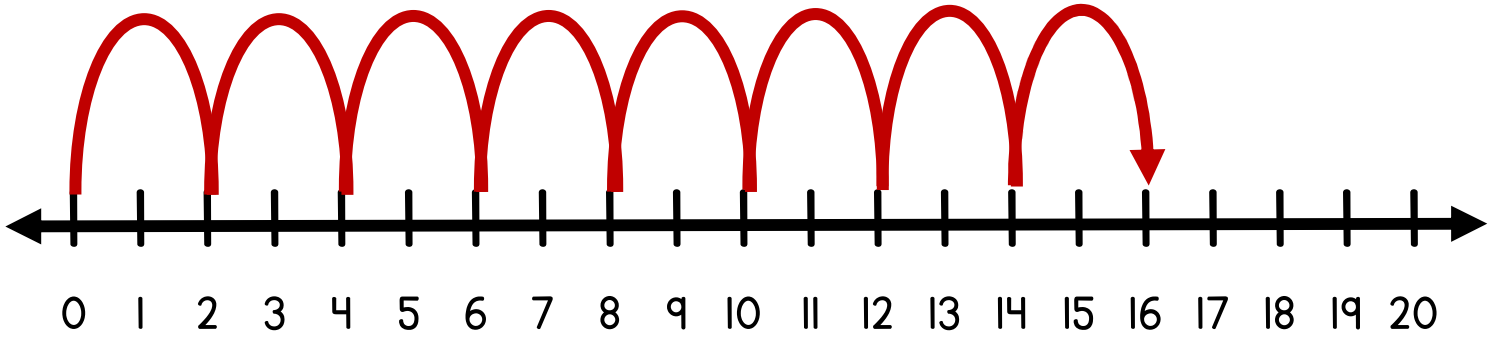
$$2 \times 7$$



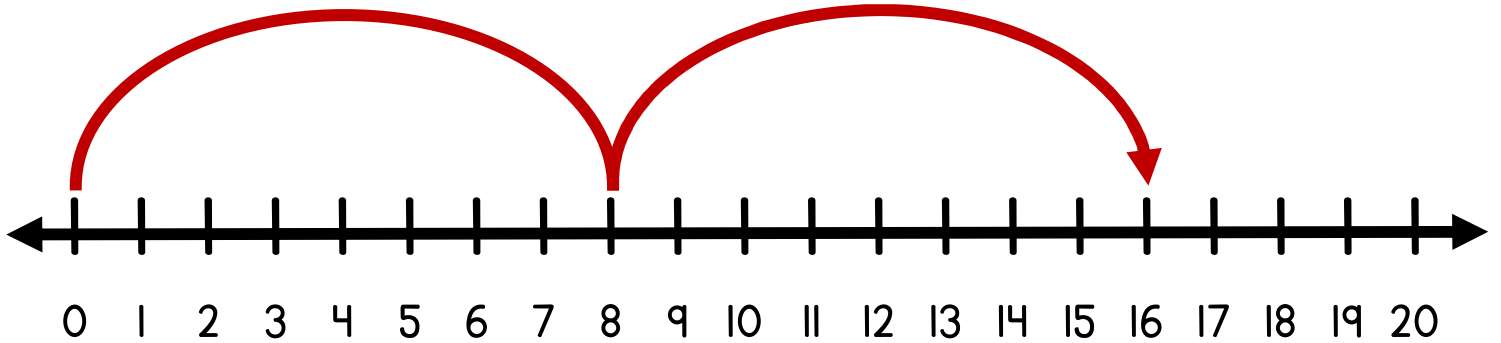
$$6 \times 2$$



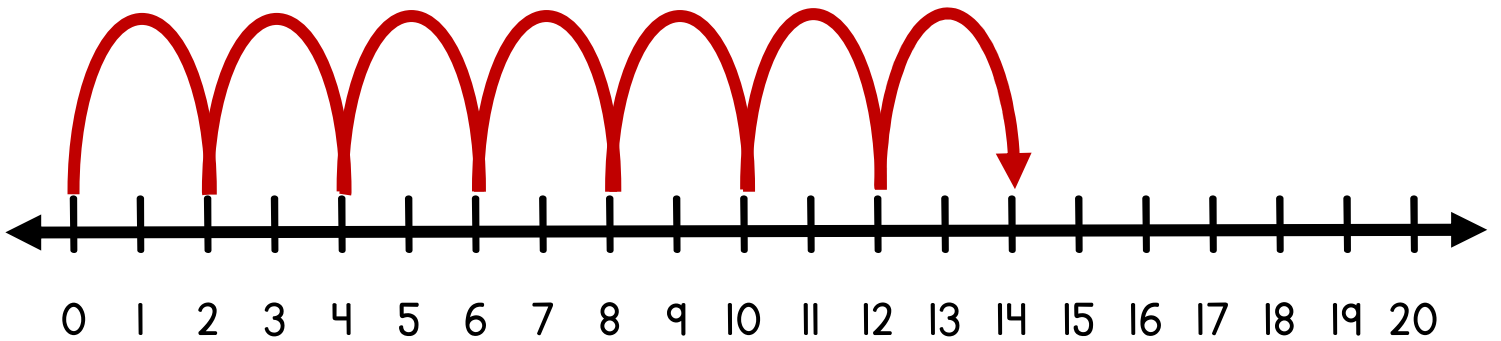
$$2 \times 6$$



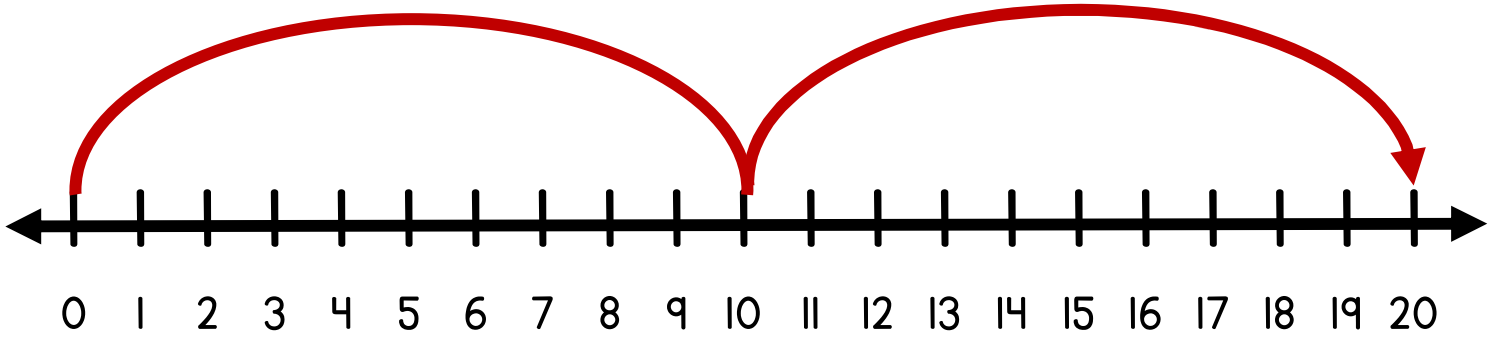
$$8 \times 2$$



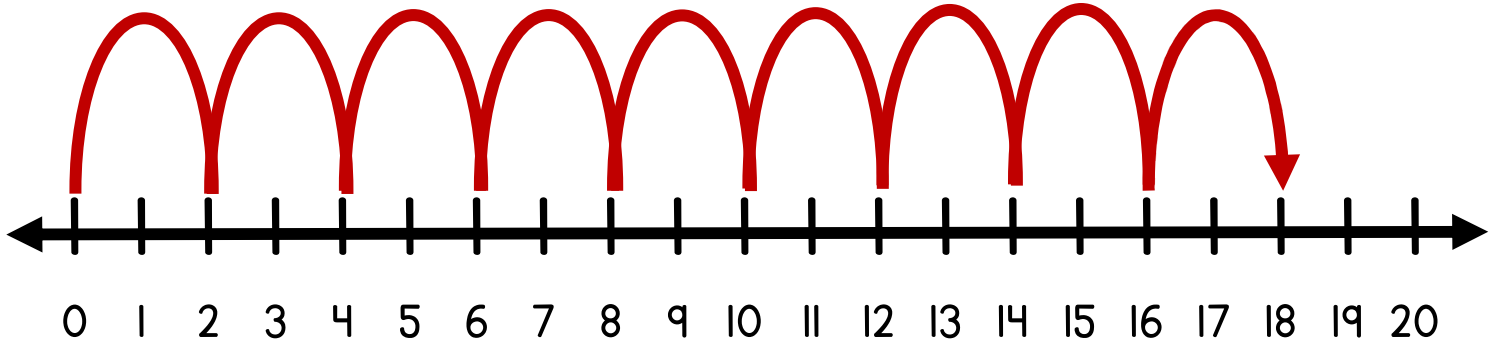
$$2 \times 8$$



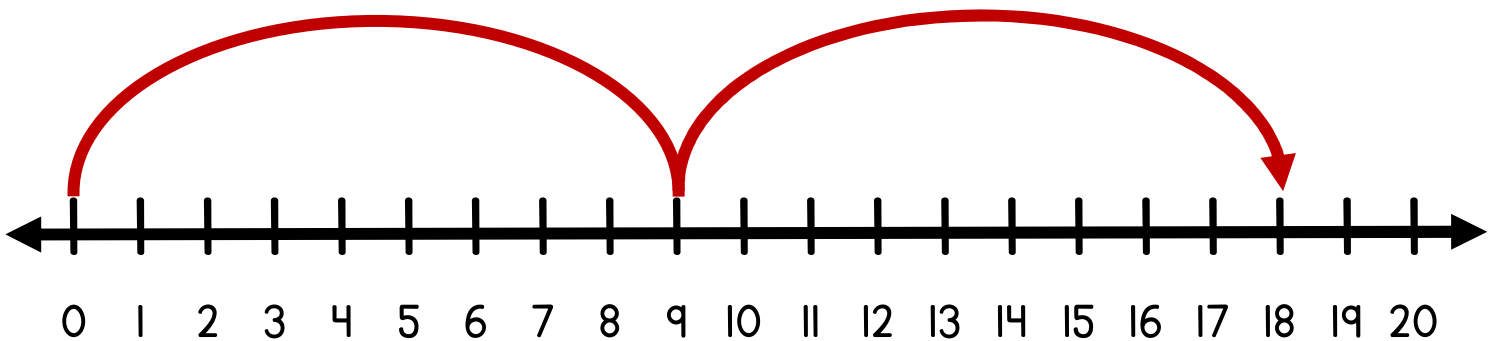
$$7 \times 2$$



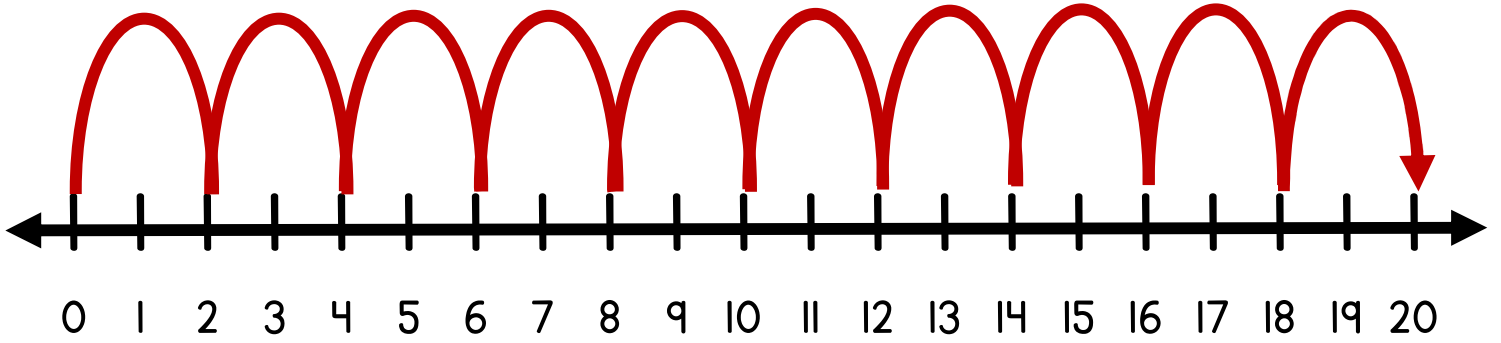
$$2 \times 10$$



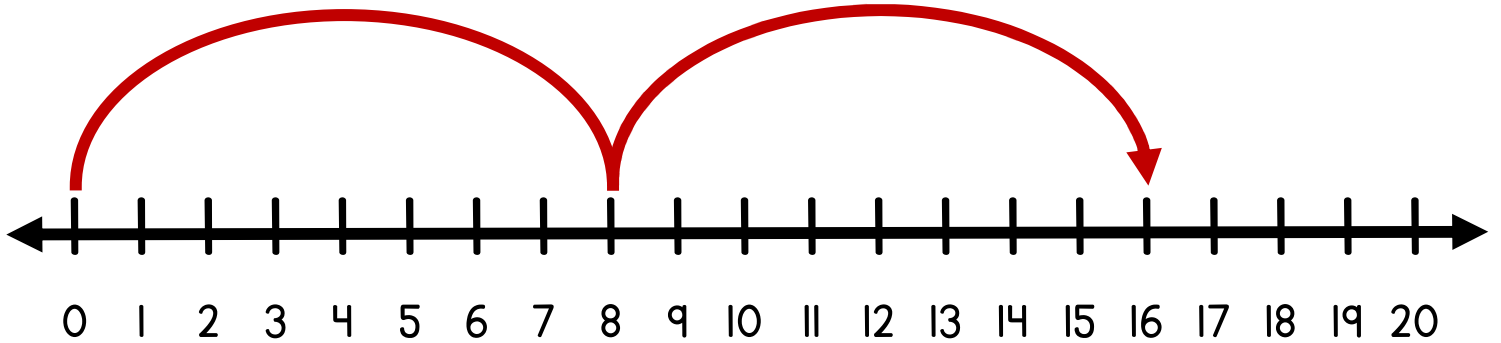
$$9 \times 2$$



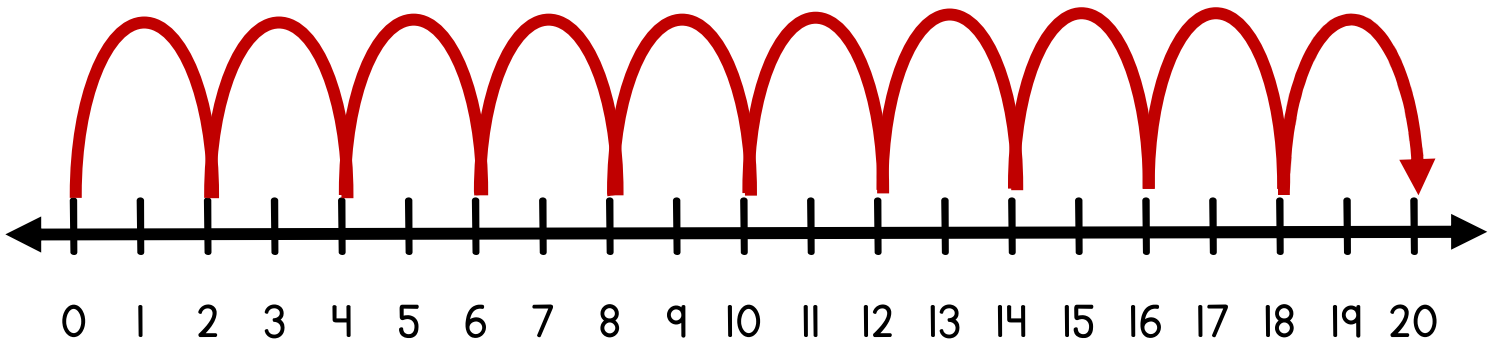
$$2 \times 9$$



$$10 \times 2$$



$$2 \times 10$$



$$10 \times 2$$