#### **Multiplication Array Table**

- 1. Cut out the L-shaped multiplication array tool.
- 2. Place it on your **Multiplication Array Table** to see an array of stars for any basic multiplication fact.



X	1	2	3	4	
1	<b>₹</b>	∑ <u>}</u>	<b>₹</b>	$\frac{1}{2}$	

7	8	9	10		
$\stackrel{\wedge}{\sim}$	X}	<b>₹</b> X	<b>₹</b>		



## ~PREVIEW~

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					r <i></i> -	ı		X	$\mathcal{M}$	X	X
9		\$	<b>\</b> X	<b>₹</b>	$\stackrel{\wedge}{\sim}$	<b>₹</b>	$\Rightarrow$	$\stackrel{\textstyle <}{\nearrow}$	$\stackrel{\wedge}{\sim}$	$\stackrel{\wedge}{\sim}$	$\diamondsuit$
1	0	<b>\</b> X	<b>\</b> X	$\diamondsuit$	$\stackrel{\wedge}{\sim}$	<b>₹</b>	<b>\</b> X	$\diamondsuit$	$\stackrel{\wedge}{\sim}$	$\stackrel{\wedge}{\sim}$	$\Rightarrow$

 $6 \times 4 = 6$  rows of 4 stars

Count the stars in the array.

$$6 \times 4 = 24$$

#### **Multiplication Array Tool**

## **Multiplication Array Table**

X	1	2	3	4	5	6	7	8	9	10
1	$\swarrow$	$\searrow$	$\searrow$	$\searrow$	$\swarrow$	$\swarrow$	$\swarrow$	$\searrow$	$\swarrow$	$\nearrow$
2	$\swarrow$	$\searrow$	$\searrow$	$\swarrow$	$\swarrow$	$\swarrow$	$\swarrow$	$\swarrow$	$\searrow$	$\swarrow$
3	$\swarrow$	$\swarrow$	$\swarrow$	$\swarrow$	$\swarrow$	$\swarrow$	$\swarrow$	$\swarrow$	$\swarrow$	$\swarrow$
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U	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$	$\bowtie$
7	$\bigwedge^{\!$	$\nearrow$	$\searrow$	$\bigwedge$		$\bigwedge$	$\sum_{i=1}^{n}$		$\bigwedge$	$\bigwedge^{\wedge}$
8		$\swarrow$	$\swarrow$	$\sum_{i=1}^{n}$	$\sum_{i=1}^{n}$	$\searrow \!$	***	$\swarrow$	$\sum_{i=1}^{n}$	$\swarrow \swarrow$
0			$\sim$	$\sim$	$\sim$	$\overline{\ \ }$	$\searrow$	$\overline{\ \ }$		٨
7	$\bowtie$	$\sim$	$\sim$	$\sim$	$\sim$	$\sim$		$\sim$	$\bowtie$	

Name:

## Multiplication Arrays

Use your Multiplication Array Table and Multiplication Array Tool to find the answers to the multiplication facts.

**a.** 
$$3 \times 5 =$$
 **b.**  $7 \times 6 =$  **c.**  $8 \times 2 =$  **...**



# ~PREVIEW~

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#### ANSWER KEY

## **Multiplication Arrays**

Use your Multiplication Array Table and Multiplication Array Tool to find the answers to the multiplication facts.

**a.** 
$$3 \times 5 = \underline{15}$$
 **b.**  $7 \times 6 = \underline{42}$  **c.**  $8 \times 2 = \underline{16}$ 



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