



## Comparing Functions 2

Sarah and Jeff always have the same number of boxes of candy but Sarah has a box of candy with 7 pieces of candy in it and Jeff has the same box of candy but it has two layers of 7 pieces of candy in it.

<u>Sarah's Candy</u>	<u>Jeff's Candy</u>	<u>The Number of Boxes of Candy</u>
<b>7 pieces</b>	<b>14 pieces</b>	<b>1</b>
	<b>28 pieces</b>	<b>2</b>
<b>21 pieces</b>		<b>3</b>
	<b>56 pieces</b>	<b>4</b>
<b>35 pieces</b>		<b>5</b>
	<b>84 pieces</b>	<b>6</b>
<b>49 pieces</b>		<b>7</b>

### What are the rules?

Sarah's candy  $\times 2$  = Jeff's candy or  
 Jeff's candy  $\div 2$  = Sarah's candy or  
 Boxes  $\times 7$  = Sarah's candy or  
 Boxes  $\times 14$  = Jeff's candy or

$c \times 2$  = Jeff's candy  
 $c \div 2$  = Sarah's candy  
 $b \times 7$  = Sarah's candy  
 $b \times 14$  = Jeff's candy