

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Draw a model. Then, write the numerical expressions.

<p>a. The difference between 8 forty-sevens and 7 forty-sevens</p> <div style="display: flex; justify-content: space-around; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">47</div> <div style="border: 1px solid black; padding: 2px 5px;">47</div> <div style="border: 1px solid black; padding: 2px 5px;">47</div> <div style="border: 1px solid black; padding: 2px 5px;">47</div> <div style="border: 1px solid black; padding: 2px 5px;">47</div> <div style="border: 1px solid black; padding: 2px 5px;">47</div> <div style="border: 1px solid black; padding: 2px 5px;">47</div> <div style="border: 1px solid black; padding: 2px 5px;">47</div> </div> <div style="display: flex; justify-content: space-around; margin-bottom: 10px;"> <div style="border: 1px solid black; padding: 2px 5px;">47</div> <div style="border: 1px solid black; padding: 2px 5px;">47</div> <div style="border: 1px solid black; padding: 2px 5px;">47</div> <div style="border: 1px solid black; padding: 2px 5px;">47</div> <div style="border: 1px solid black; padding: 2px 5px;">47</div> <div style="border: 1px solid black; padding: 2px 5px;">47</div> <div style="border: 1px solid black; padding: 2px 5px;">47</div> </div> <div style="text-align: right; margin-right: 20px;">}</div> <div style="text-align: right; margin-right: 20px;">?</div> <p style="text-align: center; color: red; font-size: 1.2em;"><math>(8 \times 47) - (7 \times 47)</math></p>	<p>b. 6 times the sum of 12 and 8</p> <div style="display: flex; justify-content: space-around; margin-bottom: 10px;"> <div style="border: 1px solid green; padding: 2px 5px;">12+8</div> <div style="border: 1px solid green; padding: 2px 5px;">12+8</div> <div style="border: 1px solid green; padding: 2px 5px;">12+8</div> <div style="border: 1px solid green; padding: 2px 5px;">12+8</div> <div style="border: 1px solid green; padding: 2px 5px;">12+8</div> <div style="border: 1px solid green; padding: 2px 5px;">12+8</div> </div> <div style="text-align: center; margin-bottom: 10px;">}</div> <div style="text-align: center; margin-bottom: 10px;">?</div> <p style="text-align: center; color: blue; font-size: 1.2em;"><math>6 \times (12 + 8)</math></p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

2. Compare the two expressions using
- $>$
- ,
- $<$
- , or
- $=$
- .

$62 \times (70 + 8)$	$>$	$(70 + 8) \times 26$
----------------------	-----	----------------------

The left expression is 62 copies of  $70+8$ , while the right expression is 26 copies of  $70+8$ .

↑

Explanation not required.