



Equations and Inequalities

CA Standard
KEY AF 1.1

Ana has 20 red marbles and 16 blue marbles. Becky has 13 red marbles and 19 blue marbles. Compare the total marbles Ana and Becky have.

<p>Step 1</p> <p>Add Ana's marbles:</p> $\begin{array}{r} 20 \\ +16 \\ \hline 36 \end{array}$	<p>Step 2</p> <p>Add Becky's marbles:</p> $\begin{array}{r} 13 \\ +19 \\ \hline 32 \end{array}$	<p>Step 3</p> <p>Compare:</p> <p>36 is more than 32.</p>
<p>Solution: $20 + 16 > 13 + 19$, so Ana has more marbles.</p>		

Write $>$, $<$, or $=$ in the to make the number sentence true.

1. $36 + 15$ $23 + 28$
2. $41 + 45$ $67 + 21$
3. $21 + 67$ $45 + 41$

Write a number in the that makes the number sentence true.

4. $15 + 48 > 18 +$ **1-44**
5. $23 +$ $= 39 + 11$ **27**
6. $+ 45 < 36 + 39$ **1-29**



Writing Math In your own words, tell what the signs $>$, $<$, and $=$ mean.

$>$ means "is more than". $<$ means "is less than".

$=$ means "is the same amount" or "is equal to".