



















Lesson #1: Solve and Draw – The Vocabulary of Addition

<p>1. An addend is one of the numbers being added in an addition problem. Which number is an addend?</p> <p style="text-align: center;">$48 + 112 = 160$</p>	<p>2. The sum is the answer, the total of the addends, in an addition problem. Which number is the sum ?</p> <p style="text-align: center;">$513 + 89 = 602$</p>	<p>3. The inverse operation of addition is its opposite operation. What operation is the inverse operation of addition?</p>
<p>112</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">ears</div> </div>	<p>89</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">eyes</div> </div>	<p>subtraction</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">nose</div> </div>
<p>160</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">ears</div> </div>	<p>602</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">eyes</div> </div>	<p>division</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">nose</div> </div>
<p>4. A column is a vertical list of numbers. Column addition shows addends in such a list. Which problem shows column addition?</p>	<p>5. Double, in addition, is a number added to itself. Which number below is a double of 75?</p>	<p>6. Twice means the same as double. Which number below is twice 1,142 ?</p>
<p>$67 + 361 + 9$</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">mouth</div> </div>	<p>150</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">cheeks</div> </div>	<p>2,284</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">tail</div> </div>
<p>$\begin{array}{r} 67 \\ 361 \\ + 9 \\ \hline \end{array}$</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">mouth</div> </div>	<p>7575</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">cheeks</div> </div>	<p>571</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">tail</div> </div>
<p>7. Repeated addition is adding the exact same number to itself, two or more times. Which problem shows repeated addition?</p>	<p>8. The identity property of zero means when zero is added to a number, the sum is that same number. Which shows this property?</p>	<p>9. The commutative property of addition means that the sum stays the same when the order of addends changes. Which pair shows this property?</p>
<p>$30 + 31 + 32 = 93$</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">collar</div> </div>	<p>$514 + 0 = 514$</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">tag</div> </div>	<p>$39 + 67 = 106$ $67 + 39 = 106$</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">table</div> </div>
<p>$31 + 31 + 31 = 93$</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">collar</div> </div>	<p>$0 + 14 + 500 = 514$</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">tag</div> </div>	<p>$106 = 100 + 6$ $106 = 56 + 50$</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 5px;">table</div> </div>

Lesson 1

<p>10. Which number is an addend?</p> $\begin{array}{r} 30 \\ 17 \\ + 707 \\ \hline 754 \end{array}$	<p>11. Which number is the sum?</p> $\begin{array}{r} 1,034 \\ + 839 \\ \hline 1,873 \end{array}$	<p>12. Which problem shows the inverse operation?</p> $\begin{array}{r} 649 \\ + 84 \\ \hline 733 \end{array}$
<p>754</p> <p>mouth </p>	<p>1,873</p> <p>cheeks </p>	<p>$\begin{array}{r} 84 \\ + 649 \\ \hline 733 \end{array}$</p> <p>nose </p>
<p>17</p> <p>mouth </p>	<p>839</p> <p>cheeks </p>	<p>$\begin{array}{r} 733 \\ - 84 \\ \hline 649 \end{array}$</p> <p>nose </p>
<p>13. Which shows column addition?</p>	<p>14. Which number has been doubled to make a sum of 128?</p>	<p>15. Which shows repeated addition?</p>
<p>$\begin{array}{r} 90 \\ 47 \\ + 35 \\ \hline \end{array}$</p> <p>ears </p>	<p>64</p> <p>eyes </p>	<p>83 + 83 + 83 + 83</p> <p>table </p>
<p>90 + 47 + 35</p> <p>ears </p>	<p>256</p> <p>eyes </p>	<p>8 + 3 + 8 + 3</p> <p>table </p>
<p>16. Which shows the identity property of zero?</p>	<p>17. Which shows the commutative property of addition?</p>	<p>18. What is the math term for 119 in this problem?</p> $119 + 352 = 471$
<p>0 + 3 + 3 + 3 = 9</p> <p>collar </p>	<p>12 + 68 = 90 68 + 90 = 158</p> <p>tag </p>	<p>inverse</p> <p>fur </p>
<p>0 + 9 = 9</p> <p>collar </p>	<p>47 + 212 = 259 212 + 47 = 259</p> <p>tag </p>	<p>addend</p> <p>fur </p>