

Problem Type Key

FOR THE PURPOSE OF THIS DOCUMENT ONLY

<p>JRU Join, Result Unknown Leon had 9 colored pencils. His mother gave him 5 more. How many colored pencils does Leon have now? $9 + 5 = \underline{\quad}$</p>	<p>JCU Join, Change Unknown Kevin has 7 dollars. How many more dollars does Kevin need to have 11 dollars altogether? $7 + \underline{\quad} = 11$</p>
<p>JSU Join, Start Unknown Eve had some pebbles in her pocket. She found 8 more pebbles and put them in her pocket. Now she has 14 pebbles in her pocket. How many pebbles did Eve have to start with? $\underline{\quad} + 8 = 14$</p>	<p>SRU Separate, Result Unknown TJ had 13 chocolate chip cookies. At lunch, she ate 5 of them. How many cookies does TJ have left? $13 - 5 = \underline{\quad}$</p>
<p>SCU Separate, Change Unknown Eleven children were playing in the sandbox. Some children went home. Now there are 3 children left playing in the sandbox. How many children went home? $11 - \underline{\quad} = 3$</p>	<p>SSU Separate, Start Unknown Max had some money. He spent \$9 on a video game. Now he has \$7 left. How much money did max have to start with? $\underline{\quad} - 9 = 7$</p>
<p>PPW/WU Part-Part-Whole, Whole Unknown Fourteen girls and 6 boys were playing soccer. How many children were playing soccer altogether? $14 + 6 = \underline{\quad}$</p>	<p>PPW/PU Part-Part-Whole, Part Unknown Connie has 12 marbles. Five are red and the rest are blue. How many blue marbles does Connie have? $5 + \underline{\quad} = 12$ $\underline{\quad} + 5 = 12$</p>
<p>CDU Compare, Difference Unknown Willie has 14 crayons. Lucy has 7 crayons. How many more crayons does Willy have than Lucy? $14 - 7 = \underline{\quad}$</p>	<p>CCQU Compare, Compare Quantity Unknown Coleman has 11 books. Kevin has 6 more books than Coleman. How many books does Kevin have? $11 + 6 = \underline{\quad}$</p>
<p>CRU Compare, Reference Unknown Juan has 13 stickers. He has 4 more stickers than Angie. How many stickers does Angie have? $13 - 4 = \underline{\quad}$</p>	<p>M Multiplication Kim has 5 bags with 7 pieces of candy in each bag. How many pieces of candy does Kim have? $5 \times 7 = \underline{\quad}$</p>
<p>MD Measurement Division Maria has 18 fish. If 3 fish can be put in each bowl, how many bowls does she need to hold all of her fish? $\underline{\quad} \times 3 = 18$</p>	<p>PD Partitive Division Mr. Wong has 12 donuts. He is going to give them to 4 children. He wants to give the same number of donuts to each child. How many donuts will he give each child? $4 \times \underline{\quad} = 12$</p>

Carpenter, Fennema, Franke, Levi, and Empson (1996)