

ADDITION AND SUBTRACTION STRUCTURE TYPES, Grades K-2

Situation	Problem	Physical Model	Bar Whole	Equation(s)
Compare – Difference unknown Grades 1-2	<i>How many more?</i> Marty has twelve dimes. Tony has sixteen dimes. How many more does Tony have?			$12 + \underline{\quad} = 16$ $16 - \underline{\quad} = 12$
Compare – Difference unknown Grades 1-2	<i>How many fewer?</i> Marty has twelve dimes. Tony has sixteen dimes. How many fewer does Marty have?			$12 + \underline{\quad} = 16$ $16 - \underline{\quad} = 12$
Compare – Bigger unknown Grades 1-2	<i>More version</i> Tony has four more dimes than Marty. Marty has twelve dimes. How many does Tony have?			$4 + 12 = \underline{\quad}$ $12 + 4 = \underline{\quad}$
Compare – Bigger unknown Grade 2	<i>Fewer version</i> Marty has four fewer dimes than Tony. Marty has twelve dimes. How many does Tony have?			$4 + 12 = \underline{\quad}$ $12 + 4 = \underline{\quad}$
Compare – Smaller unknown Grades 1-2	<i>Fewer version</i> Marty has four fewer dimes than Tony. Tony has sixteen dimes. How many does Marty have?			$16 - 4 = \underline{\quad}$ $\underline{\quad} + 4 = 16$
Compare – Smaller unknown Grade 2	<i>More version</i> Tony has four more dimes than Marty. Tony has sixteen dimes. How many does Marty have?			$16 - 4 = \underline{\quad}$ $\underline{\quad} + 4 = 16$

Adapted from Gojak, Linda, and Ruth Harbin. Miles. "Resources." The Common Core Mathematics Companion: The Standards Decoded, Grades 3-5. Thousand Oaks: Corwin, 2016.