Problem Types

This table shows how problem types are incorporated across the grades. A specific grade lev problem types chart can be found at the back of each Student Book or Teacher Edition.

Result Unknown Change Unknown Start Unknown Six children were playing tag in the Some children were playing tag in Six children were playing tag in the yard. Three more children yard. Some more children came to play. the yard. Three more children came came to play. How many children Now there are 9 children in the yard. to play. Now there are 9 children in are playing in the yard now? How many children came to play? the yard. How many children were in the yard at first? 9 children Add to Situation and Solution Equation: Situation Equation: 9 childred 6 + 3 = c6 + c = 9Situation Equation: children Solution Equation: c + 3 = 99 - 6 = cSolution Equation: 3 + c = 9 or 9 = 3 = ccam came playing Jake has 10 trading cards. He gave Jake has 10 trading cards. He Jake has some trading cards. He gave 3 to his brother. How many some to his brother. Now Jake has 7 gave 3 to his brother. Now Jake has trading cards does he have left? trading cards left. How many cards did 7 trading cards left. How many cards he give to his brother? did he start with? trading cards tradir Situation and Solution Equation: Take from 10 trading cards Situation Equation: Situation Equation: cards 10 - 3 = t10 - t = 7t = 3 = 7Solution Equation: Solution Equation: 10 - 7 = t7 + 3 = taires Total Unknown Addend Unknown Other Addend Unknown Ana put 13 coins in her pocket. Nine Ana put 13 coins in her pocket. Ana put 9 dimes and 4 nickels in Some coins are dimes and 4 coins her pocket. How many coins did coins are dimes and the rest are nickels. How many are nickels? are nickels. How many coins are she put in her pocket? Put dimes? 13 coins 13 Coins Situation and Solution Equation: Situation Equation: Together/ 13 = 9 + nSituation Equation: 9 + 4 = ccoins Take Apart 13 = d + 4Solution Equation: 13 - 9 = nSolution Equation: 13 - 4 = dnickels

Difference Unknown Bigger Unknown Smaller Unknown Aki has 8 apples. Sofia has 14 **Leading Language Leading Language** apples. How many more apples Aki has 8 apples. Sofia has 6 more Sofia has 14 apples. Aki has 6 does Sofia have than Aki? apples than Aki. How many apples fewer apples than Sofia. How many Solution Equation: does Sofia have? apples does Aki have? 8 + a = 14 or 14 - 8 = aSolution Equation: Solution Equation: 8 + 6 = a14 - 6 = a or 6 + a = 14Aki has 8 apples. Sofia has 14 Compare¹ apples. How many fewer apples Misleading Language Misleading Language does Aki have than Sofia? Aki has 8 apples. Aki has 6 fewer Sofia has 14 apples. Sofia has 6 more apples than Aki. How many Solution Equation: apples than Sofia. How many apples 8 + a = 14 or 14 - 8 = aapples does Aki have? does Sofia have? Solution Equation: Solution Equation: 8 + 6 = a14 - 6 = a or 6 + a = 14

The comparing sentence can always be said in two ways: One uses more, and the other uses fewer. Misleading anguage suggests the wrong operation. For example, it says Aki has 6 fewer apples than Sofia, but you have o add 6 to Aki's 8 apples to get 14 apples.



