

Activity 6 Assessment

Adding and Subtracting Monomials

Adding and Subtracting Monomials			
Defines and uses variables to represent mathematical situations “The r is going to represent the length of the red rods I used in my design.”	Accurately identifies like terms “Like terms are represented by the same variable or the same object. For example, x and $3x$ are like terms but x and $3y$ are not. You can only combine like terms.”	Accurately adds and subtracts monomials using a model “My design has 9 purple and 3 yellow rods. I can describe it as $9p + 3y$. If I take away 2 purple rods, the new description is $9p + 3y - 2p$, which simplifies to $7p + 3y$.”	Adds and subtracts monomials without using models “I know that if two monomials use the same variable, I can combine them. If they don't, I can't. For example, I can add $4x + 6x$ to get $10x$ or subtract $6x - 4x$ to get $2x$. But I cannot add or subtract $6x$ and $4y$.”
Observations/Documentation			