

GRAB BAG OPERATION B

Use models to compose and decompose fractions with like denominators as a form of adding and subtracting fractions

This photo shows an arrangement of rods made by a student who has grabbed a number of rods and has worked with them to find the sum. Here the orange is used as the whole. Notice that the student has stacked rods to create wholes beneath the orange. The total showing is $5\frac{7}{10}$



This student shows flexibility in their representations when they orient the green rod vertically to complete three rows with the $\frac{3}{10}$ rod (showing $\frac{1}{10}$ in each row). It would be interesting to ask the student how they would name each colour rod in relation to the whole.