**Using Cuisenaire Rods – Fractions Operations Reminders**

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| 1 | Always define the whole |
| 2 | Show the unit by lining up the rods to show new denominators |
| 3 | Define the unit fraction |
| 4 | When changing denominators for equivalent fractions  always line up the Rods to prove the length is the same |
| 5 | Discuss the rods in terms of length  “the length of the brown is the whole” |
| 6 | **With addition**:  Move the rods together to show them combining |
| 7 | **With subtraction**:  Remove the rods that represent the fraction you are subtracting |
| 8 | **With multiplication** (fraction times a whole number):  Show the fraction repeated by the whole number in the problem; and  Line up the product under the whole to show the product |
| 9 | **With multiplication** (fraction times a fraction):  say “  Always show the SECOND fraction first (show first);  show that |
| 10 | **With division**:  Make sure the divisor is grouped together if it’s not a unit-fraction  Say “” is the same as “how many groups of are in ?”  Show there are 3 groups of in ” |