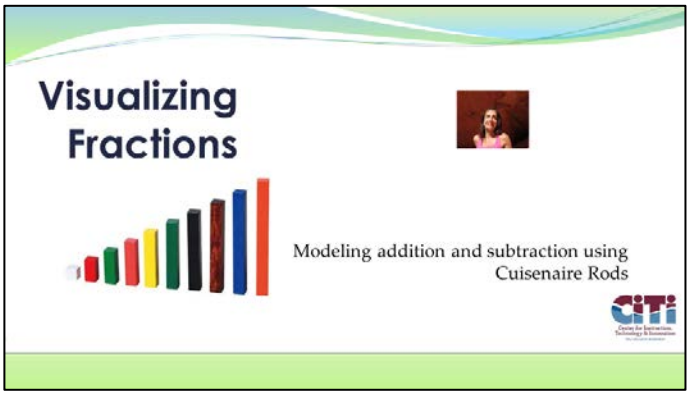
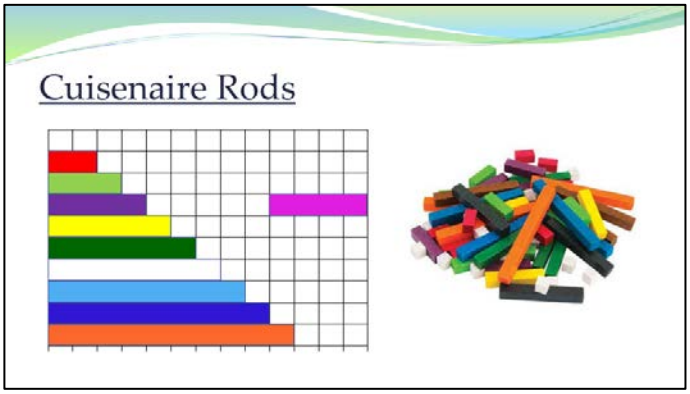
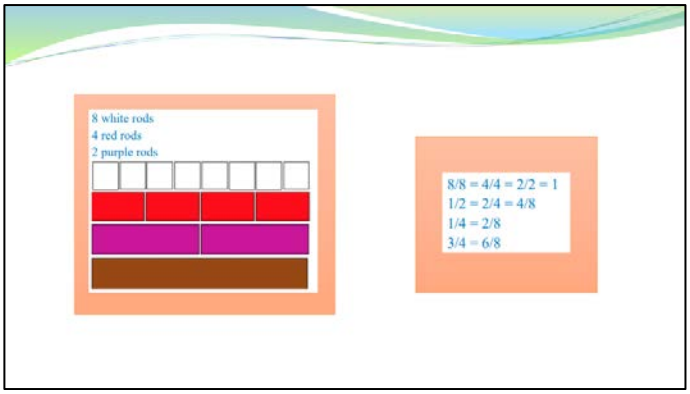

Visualizing Fractions
Modeling addition and subtraction using Cuisenaire Rods


Cuisenaire Rods


8 white rods
4 red rods
2 purple rods
8/8 = 4/4 = 2/2 = 1
1/2 = 2/4 = 4/8
1/4 = 2/8
3/4 = 6/8

Addition of Fractions with Like Denominators
Using the Rods

$\frac{4}{5} + \frac{3}{5}$

Use the **ORANGE** rod for the whole.

Addition of Fractions with Like Denominators
Using the Rods

Independent Practice

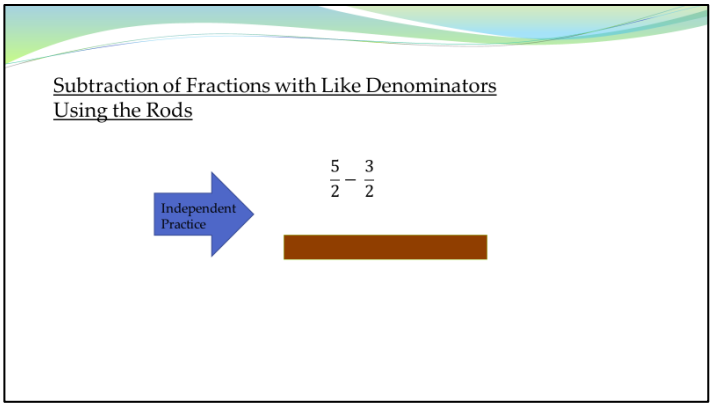
$\frac{3}{4} + \frac{3}{4}$

Use the **BROWN** rod for the whole.

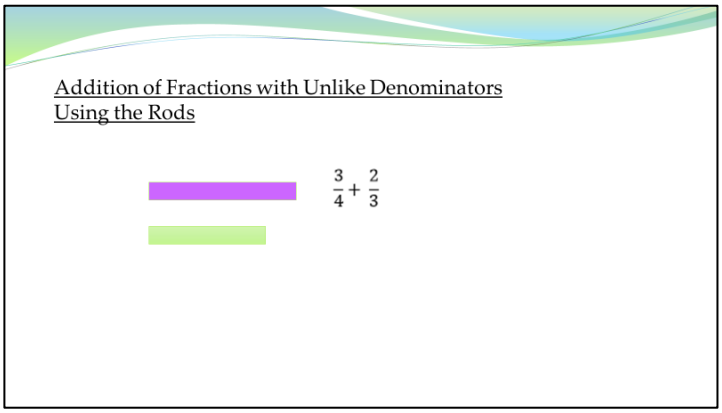
Subtraction of Fractions with Like Denominators
Using the Rods

$\frac{3}{6} - \frac{2}{6}$

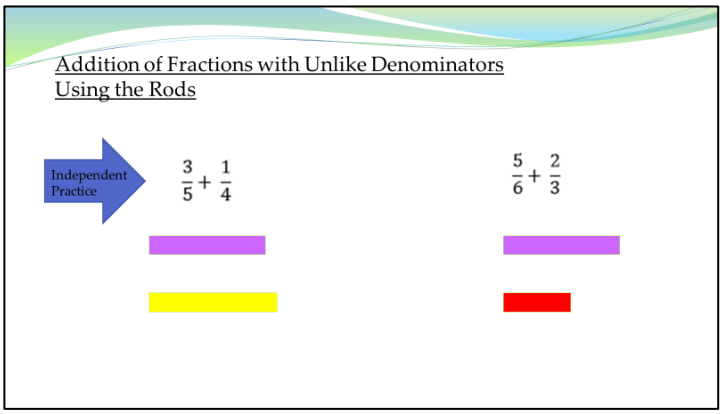
Use the **DARK GREEN** rod for the whole.



Use the **BROWN** rod for the whole.

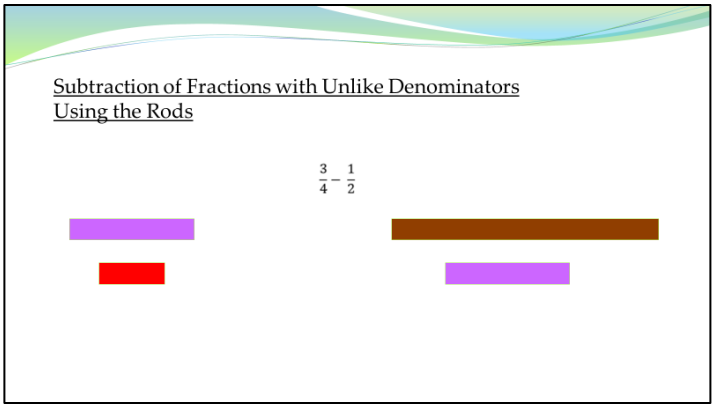


Start with the **PURPLE** and **LIGHT GREEN** rods.

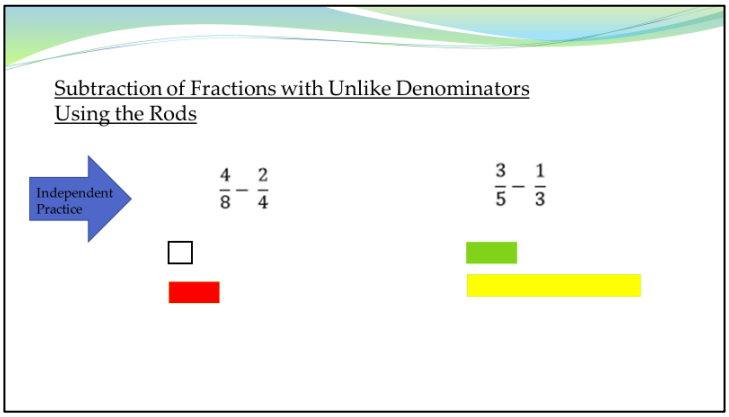


Use the **PURPLE** and **YELLOW** rods for the first example: 3/5 + 1/4

Use the **PURPLE** and **RED** rods for the second example: 5/6 + 2/3

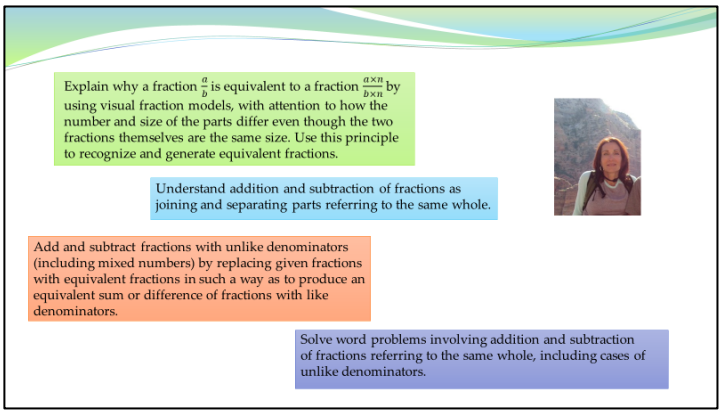


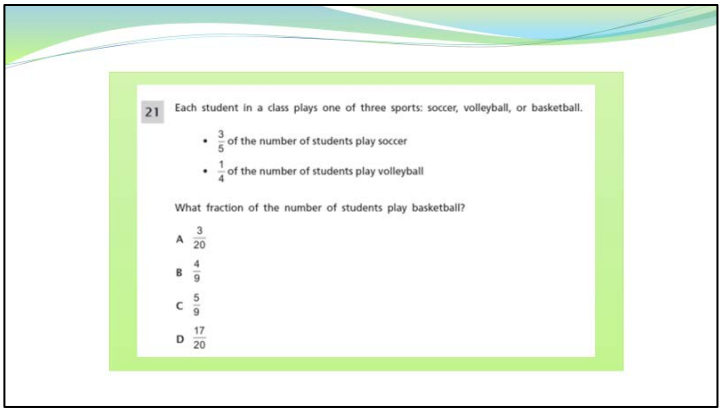
Start with the **PURPLE** and **RED** rods.

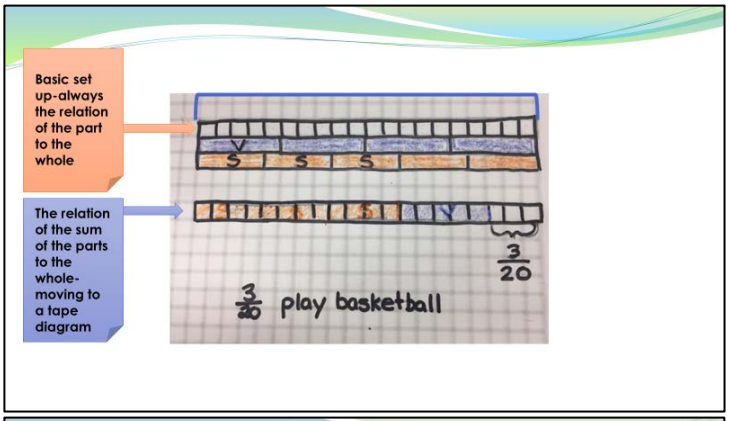


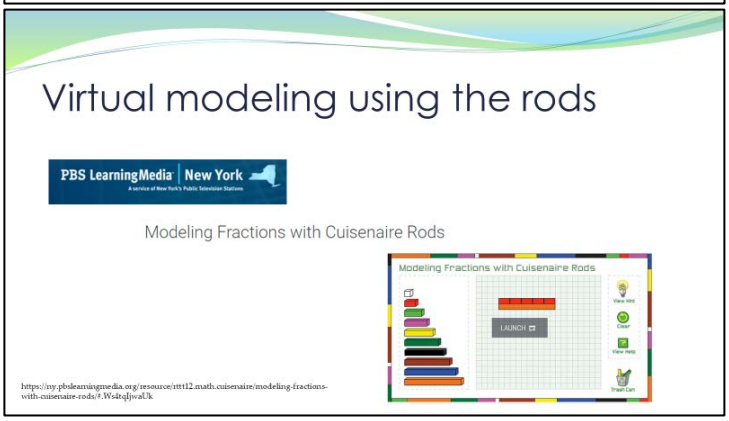
Use the **WHITE** and **RED** rods for the first example: 4/8 – 2/4

Use the **LIGHT GREEN** and **YELLOW** rods for the second example: 3/5 – 1/3









PBS Learning Media – Modeling Fractions with Cuisenaire Rods

https://ny.pbslearningmedia.org/resource/rttt12.math.cuisenaire/modeling-fractions-with-cuisenaire-rods/#.WrUbeOjwaUk