3.5 Adding & Subtracting Like Fractions

Adding Like Fractions:

To add fractions with like denominators, add the numerators.

Subtracting Like Fractions:

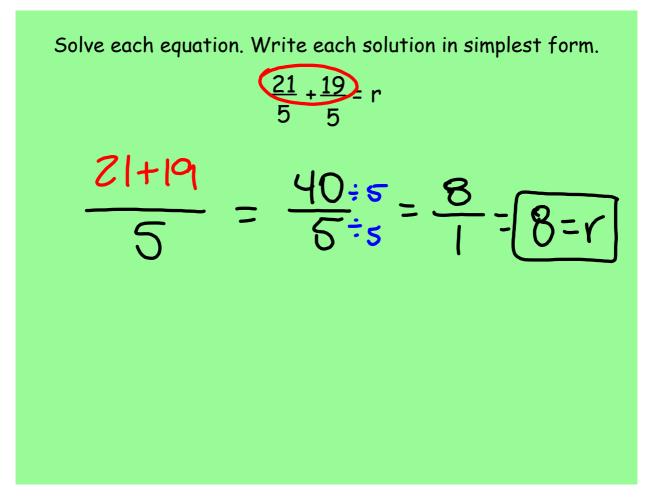
To subtract fractions with like denominators, subtract the numerators.

<u>Remember</u>: The denominators cannot be zero. You can never divide by zero.

$$5 + 8 = r$$

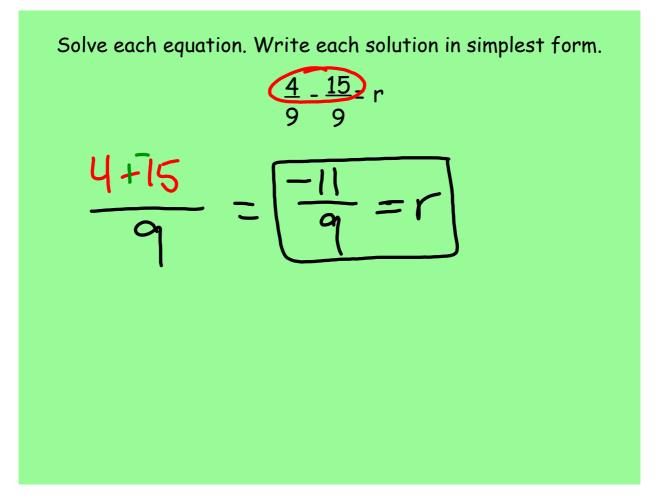
7 7

$$\frac{5+8}{7} = \begin{bmatrix} 13\\7 = r \end{bmatrix}$$

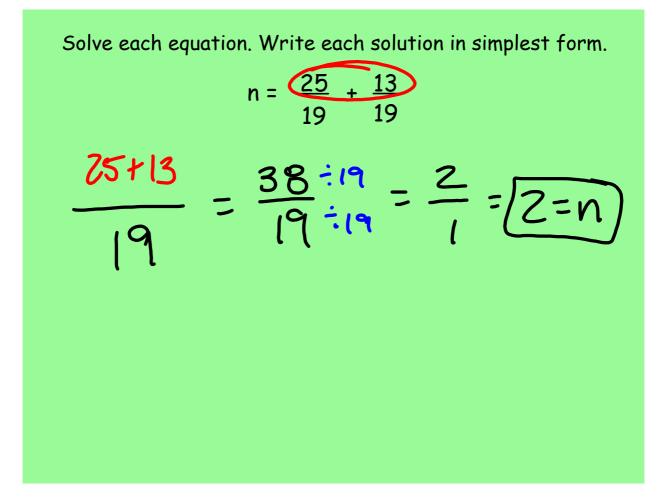


$$\frac{17}{20} - \frac{2}{20} = g$$

$$\frac{17-2}{20} = \frac{15}{70} = \frac{3}{4} = 9$$



$$\frac{42 + 12}{16 + 16} = j$$



$$\frac{18 + -15}{26 - 26} = m$$

$$\frac{18 + -15}{26} = m$$

$$\frac{18 + -15}{26} = m$$

$$\frac{3}{26} = m$$

