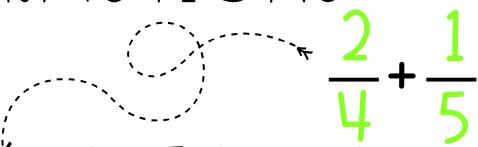# ADDING
FRACTIONS

$$\frac{2}{4} + \frac{1}{5}$$

1. FIND A COMMON DENOMINATOR

LIST THE MULTIPLES

4: 4 8 12 16 <u>20</u>

5: 5 10 15 <u>20</u>

MULTIPLY BY EACH OTHER

$4 \times 5 = \underline{20}$

2. CHANGE YOUR FRACTIONS SO THEY ARE EQUIVALENT FRACTIONS

$$\frac{2}{4} \begin{array}{c} \times 5 \\ \times 5 \end{array} = \frac{10}{20} \qquad \frac{1}{5} \begin{array}{c} \times 4 \\ \times 4 \end{array} = \frac{4}{20}$$

3. ADD YOUR NEW FRACTIONS

REMEMBER <u>ONLY</u> ADD THE NUMERATORS AND PUT OVER THE DENOMINATOR.

$$\frac{10}{20} + \frac{4}{20} = \frac{14}{20}$$

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SUBTRACTING
FRACTIONS

$$\frac{2}{4} - \frac{1}{5}$$

1. FIND A COMMON DENOMINATOR

LIST THE MULTIPLES

4: 4 8 12 16 <u>20</u>
5: 5 10 15 <u>20</u>

MULTIPLY BY EACH OTHER

$4 \times 5 = \underline{20}$

2. MAKE EQUIVALENT FRACTIONS

$$\frac{2}{4} \frac{\times 5}{\times 5} = \frac{10}{20} \qquad \frac{1}{5} \frac{\times 4}{\times 4} = \frac{4}{20}$$

3. ADD YOUR NEW FRACTIONS

REMEMBER <u>ONLY</u> SUBTRACT THE NUMERATORS AND PUT OVER THE DENOMINATOR.

$$\frac{10}{20} - \frac{4}{20} = \frac{6}{20}$$

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