ALGEBRA 1A & 1B ~ FRACTION WORKSHEET ~ NAME: _____

PER. ____ DATE: _____

💡 ADD & SUBTRACT ⇒ COMMON DENOMINATOR! | MULTIPLY ⇒ "tops · tops / bottoms · bottoms" PLUS CROSS-CANCEL! | DIVIDE ⇒ "FLIP" divisor AND MULTIPLY

| | | | |
|---|---|---|---|
| ① $\frac{1}{2} + \frac{2}{3}$ | ② $\frac{3}{4} - \frac{5}{7}$ | ③ $\frac{5}{9} - \frac{2}{5}$ | ④ $\frac{1}{3} - \frac{1}{6}$ |
| ⑤ $\frac{10}{11} + \frac{2}{3}$ | ⑥ $\frac{5}{8} - \frac{6}{7}$ | ⑦ $\frac{1}{2} + \frac{1}{9}$ | ⑧ $\frac{3}{4} - \frac{2}{1}$ |
| ⑨ $\frac{1}{3} + \frac{1}{5} + \frac{1}{4}$ | ⑩ $\frac{9}{7} - \frac{1}{2} - \frac{2}{3}$ | | |
| ⑪ $\frac{5}{3} \cdot \frac{3}{2}$ | ⑫ $\frac{2}{5} \cdot \frac{4}{9}$ | ⑬ $\frac{5}{1} \cdot \frac{2}{3}$ | ⑭ $\frac{6}{9} \cdot \frac{9}{12}$ |
| ⑮ $\frac{3}{4} \cdot \frac{3}{4} \cdot \frac{1}{2}$ | ⑯ $\frac{14}{7} \cdot \frac{2}{8}$ | ⑰ $\frac{100}{200} \cdot \frac{300}{400}$ | ⑱ $\frac{5}{10} \cdot \frac{9}{10}$ |
| ⑲ $5\left(\frac{2}{3} + \frac{1}{2}\right)$ | ⑳ $4\left(\frac{1}{2} + \frac{1}{3}\right)$ | ㉑ $3\left(\frac{3}{4} - \frac{1}{2}\right)$ | |
| ㉒ $\frac{\frac{1}{2}}{\frac{3}{4}}$ | ㉓ $\frac{2}{3} \div \frac{3}{4}$ | ㉔ $\frac{5}{6} \div \frac{1}{2}$ | |

CONVERT TO A DECIMAL BY LONG DIVISION: 💡 "MOON THE FRACTION" (THE BOTTOM GOES OUTSIDE)

| | |
|---|---|
| ㉕ $\frac{1}{2}$ | ㉖ $\frac{1}{3}$ |
| ㉗ $\frac{6}{12}$ | ㉘ $\frac{5}{15}$ |

NOTE: ALL FRACTIONS (RATIOS) WILL RESULT IN EITHER A TERMINATING DECIMAL OR A REPEATING DECIMAL. ALL FRACTIONS ARE RATIONAL NUMBERS