**Grade 8 Math**

Fractions/ Mixed Numbers (+), (-), (x), and division

**Instructions:**

Ask yourself. “What is the rule”? “What is the operation”?

**Trust** the Process

You may use a calculator

**Show work** and cancel where needed

Simplify your answers

|  |  |
| --- | --- |
| $\frac{9}{∛78}$ + $\frac{12}{∛78}$ + $ \frac{17}{∛78}$ =  | $\frac{67}{∀}$ - $\frac{12}{∀}$ + $\frac{17}{∀}$ =  |
| $\frac{12}{15}$ - $\frac{12}{60}$ + $\frac{17}{30}$ = | $\frac{67}{12}$ - $\frac{12}{24}$ + $\frac{17}{6}$ = |
| 2 $\frac{5}{6}$ + 3 $\frac{5}{11}$ = | 5 $\frac{5}{11}$ - 3 $\frac{5}{6}$ = |
| 5 $\frac{5}{6}$ - 3 $\frac{5}{11}$ = | 5 $\frac{5}{6}$ - 3 $\frac{5}{11}$ + 5 $\frac{5}{3} $= |
| $\frac{67}{∀}$ x $\frac{12}{12}$ x $\frac{∀}{67}$ = | $\frac{3}{2}$ x $\frac{11}{7}$ x $\frac{17}{13}$ = |
| $\frac{3}{62}$ x 2 $\frac{5}{6}$ x 3 $\frac{4}{9}$ = | 5$ \frac{3}{6}$ x 2 $\frac{5}{6}$ x 3 $\frac{5}{11}$ = |
| $\frac{3}{2}$ $÷$ $\frac{11}{7}$ = | 5$ \frac{3}{6}$ $÷$ 2 $\frac{5}{6}$ = |
| $\frac{3}{2}$ $÷$ $\frac{11}{7}$ x $\frac{11}{7}$ = | $\frac{3}{2}$ $x$ $\frac{11}{7}$ $÷$ $\frac{33}{14}$ = |
| 5$ \frac{4}{6}$ x $\frac{12}{7}$ x $\frac{√49}{7}$ $÷$ $\frac{144}{9}$ | 5$ \frac{4}{6}$ $÷$ $\frac{7}{12}$ $÷$ $\frac{√49}{7}$ $÷$ $\frac{144}{9}$ |
| 5$ \frac{4}{6}$ x $\frac{12}{7}$ x $\frac{√49}{7}$ $÷$ $\frac{144}{9}$ | $√49 \frac{1}{7}$ x $\frac{√49}{7}$ $÷$ $\frac{25}{21}$ $÷$ $\frac{36}{33}$ |
| $\frac{dy}{dx}$ $÷$ $\frac{dy}{dx}$ x $\frac{δy}{δx}$ $÷$ $\frac{δy}{δx}$ x $\frac{3xv}{3v}$ =   | $\frac{0}{dx}$ $÷$ $\frac{dy}{dx}$ x $\frac{δy}{δx}$ $÷$ $\frac{δy}{δx}$ x $\frac{3xv}{3v}$ |

In the top left hand corner of each box write “got it” ---“I am pretty sure I got it”---“not sure”---“lost”---“whoa, where did this come from”?