**Fractions Review – worksheet**

I – Change the denominator:

$\frac{2}{5}= \frac{}{20} $ $\frac{3}{4}= \frac{}{12}$ $\frac{15}{36}=\frac{}{12}$ $6=\frac{}{3}$

II – Change form:

1. Rewrite in mixed number:

$\frac{26}{12}= $ $\frac{35}{4}= $ $\frac{128}{3}= $ $-\frac{48}{16}= $
2. Rewrite as an improper fraction

$5\frac{2}{3}= $ $3\frac{7}{8}= $ $-4\frac{1}{3}= $ $3\frac{1}{2}= $
3. Rewrite in decimal form and say when it is exact, otherwise, give an approximation to the nearest hundredth.

$\frac{14}{21}$ $\frac{27}{5}$

$\frac{55}{22}$ $\frac{31}{7}$

III – Simplify (show your work):

$\frac{45}{80}= $ $\frac{60}{75}= $

$\frac{26}{39}= $ $\frac{48}{20}= $

$\frac{21}{28}= $ $\frac{12}{27}= $

IV – Multiply:

$\frac{3}{4}×\frac{11}{12}= $ $\frac{5}{7}×\frac{28}{15}= $

$\frac{18}{9}×\frac{14}{21}= $ $\frac{32}{27}×\frac{9}{8}=$

V – Add and Subtract:

$\frac{5}{3}+\frac{7}{3}= $ $\frac{2}{5}-\frac{3}{4}=$

$\frac{5}{7}+\frac{5}{14}= $ $\frac{9}{21}-\frac{5}{12}=$

$\frac{5}{11}-\frac{48}{121}=$ $\frac{5}{27}+\frac{8}{81}= $

VI – Divide:

$\frac{2}{3}÷\frac{7}{9}=$ $\frac{4}{5}÷\frac{2}{3}=$

$3÷\frac{4}{5}=$ $5÷\frac{15}{4}=$

$\frac{27}{5}÷3=$ $\frac{5}{7}÷2=$

$\frac{ \frac{5}{6} }{\frac{1}{3}}=$ $\frac{ \frac{12}{25} }{\frac{3}{5}}=$

$\frac{ 3 }{\frac{9}{2}}=$ $\frac{ 25 }{\frac{15}{4}}=$

$\frac{ \frac{7}{2} }{ 21 }=$ $\frac{ \frac{5}{6} }{9}=$

V – PEDMAS:

$A=\frac{2}{3}-5×\frac{7}{6}+1=$

$B=3-2×\frac{4}{5}+\frac{3}{4}= $

$C=5\left(\frac{2}{3}-\frac{5}{9}\right)+2=$

$D=\frac{2}{3}+\frac{5}{6}×5-\frac{8}{9}= $

$E=\frac{\frac{5}{7}-\frac{5}{21}}{\frac{3}{4}+\frac{1}{6}}=$