

## Fraction Mega-Practice

### *Part A – Reduce to lowest terms*

1 )  $\frac{10}{100} = \text{.....}$

4 )  $\frac{28}{49} = \text{.....}$

2 )  $\frac{8}{16} = \text{.....}$

5 )  $\frac{4}{6} = \text{.....}$

3 )  $\frac{5}{45} = \text{.....}$

6 )  $\frac{36}{45} = \text{.....}$

### *Part B – Equivalent Fractions*

1 )  $\frac{2}{9} = \frac{\quad}{18} = \frac{\quad}{27} = \frac{8}{\quad} = \frac{\quad}{45} = \frac{\quad}{54} = \frac{\quad}{63}$

2 )  $\frac{3}{4} = \frac{\quad}{8} = \frac{9}{\quad} = \frac{12}{\quad} = \frac{15}{\quad} = \frac{\quad}{24} = \frac{21}{\quad}$

**Part C – Adding and Subtracting Fractions**  
(Convert your answers to lowest terms)

1 )  $\frac{20}{35} + \frac{9}{10} =$  .....

2 )  $\frac{8}{68} + \frac{14}{34} =$  .....

3 )  $\frac{2}{4} + \frac{18}{40} =$  .....

4 )  $\frac{3}{6} - \frac{3}{18} =$  .....

5 )  $\frac{10}{13} - \frac{12}{26} =$  .....

6 )  $\frac{2}{6} - \frac{7}{30} =$  .....

### **Part D – Multiplying and Dividing Fractions**

*(Convert your answers to lowest terms)*

1 )  $\frac{1}{5} \times \frac{2}{4} =$  .....

2 )  $\frac{2}{5} \times \frac{8}{10} =$  .....

3 )  $\frac{1}{2} \times \frac{2}{5} =$  .....

4 )  $\frac{1}{4} \div \frac{4}{10} =$  .....

5 )  $\frac{2}{4} \div \frac{9}{10} =$  .....

6 )  $\frac{1}{2} \div \frac{3}{4} =$  .....

***Part E – Covert between Decimals and Fractions***

| <b>Fraction</b> | <b>Decimal</b> |
|-----------------|----------------|
| $\frac{2}{5}$   |                |
| -----           | 0.8            |
| $\frac{5}{40}$  |                |
| -----           | 0.03           |

## ***Part F – Covert between Fractions and Mixed Numbers***

### Converting Improper Fractions to Mixed Numbers

1 )  $\frac{45}{7} =$  ..... 2 )  $\frac{33}{8} =$  ..... 3 )  $\frac{58}{10} =$  .....

### Converting Mixed Numbers to Improper Fractions

1 )  $6\frac{3}{4} =$  ..... 2 )  $8\frac{1}{3} =$  ..... 3 )  $9\frac{4}{5} =$  .....