

FRACTIONS - EQUIVALENCE, ADDITION AND SUBTRACTION EXERCISEEXERCISE A

Complete the following pairs of equivalent fractions:

1. $\frac{3}{4} = \frac{12}{\square}$

6. $\frac{18}{21} = \frac{6}{\square}$

2. $\frac{7}{9} = \frac{\square}{18}$

7. $\frac{20}{45} = \frac{\square}{9}$

3. $\frac{5}{8} = \frac{\square}{24}$

8. $\frac{12}{20} = \frac{3}{\square}$

4. $\frac{3}{5} = \frac{15}{\square}$

9. $\frac{25}{40} = \frac{\square}{8}$

5. $\frac{6}{7} = \frac{\square}{28}$

10. $\frac{28}{40} = \frac{14}{\square}$

EXERCISE B

1. $\frac{2}{5} + \frac{1}{3}$

6. $\frac{5}{8} - \frac{1}{3}$

2. $\frac{4}{7} + \frac{1}{4}$

7. $\frac{3}{4} - \frac{2}{5}$

3. $\frac{5}{6} + \frac{3}{5}$

8. $\frac{8}{9} - \frac{1}{2}$

4. $\frac{2}{3} + \frac{5}{6}$

9. $\frac{7}{9} - \frac{1}{3}$

5. $\frac{3}{4} + \frac{5}{9}$

10. $\frac{7}{10} - \frac{1}{4}$

FRACTIONS - EQUIVALENCE, ADDITION AND SUBTRACTION EXERCISEExercise A

1. $\frac{3}{4} = \frac{12}{\boxed{16}}$

6. $\frac{18}{21} = \frac{6}{\boxed{7}}$

2. $\frac{7}{9} = \frac{\boxed{14}}{18}$

7. $\frac{20}{45} = \frac{\boxed{4}}{9}$

3. $\frac{5}{8} = \frac{\boxed{15}}{24}$

8. $\frac{12}{20} = \frac{3}{\boxed{5}}$

4. $\frac{3}{5} = \frac{15}{\boxed{25}}$

9. $\frac{25}{40} = \frac{\boxed{5}}{8}$

5. $\frac{6}{7} = \frac{\boxed{24}}{28}$

10. $\frac{28}{40} = \frac{14}{\boxed{20}}$

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Exercise B

1. $\frac{2}{5} + \frac{1}{3} = \frac{6 + 5}{15} = \frac{11}{15}$

2. $\frac{4}{7} + \frac{1}{4} = \frac{16 + 7}{28} = \frac{23}{28}$

3. $\frac{5}{6} + \frac{3}{5} = \frac{25 + 18}{30} = \frac{43}{30} = 1 \frac{13}{30}$

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

5. $\frac{3}{4} + \frac{5}{9} = \frac{27 + 20}{36} = \frac{47}{36} = 1 \frac{11}{36}$

6. $\frac{5}{8} - \frac{1}{3} = \frac{15 - 8}{24} = \frac{7}{24}$

7. $\frac{3}{4} - \frac{2}{5} = \frac{15 - 8}{20} = \frac{7}{20}$

8. $\frac{8}{9} - \frac{1}{2} = \frac{16 - 9}{18} = \frac{7}{18}$

9. $\frac{7}{9} - \frac{1}{3} = \frac{7 - 3}{9} = \frac{4}{9}$

10. $\frac{7}{10} - \frac{1}{4} = \frac{14 - 5}{20} = \frac{9}{20}$