

Practice Exercises for Chapter 12 – Mixed Numbers

Set A

Conversions

Improper Fractions to Mixed Numbers

1. Convert to a mixed number:

a. $\frac{10}{3}$

b. $\frac{27}{5}$

Mixed Numbers to Improper Fractions

2. Convert to an improper fraction:

a. $2\frac{1}{4}$

b. $2\frac{3}{20}$

Addition

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

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

5. $10\frac{7}{8} + 2\frac{3}{16}$

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

Multiplication

11. $2\frac{1}{2} \times 1\frac{3}{5}$

12. $48 \times 1\frac{1}{4}$

13. $1\frac{3}{32} \times 4\frac{3}{5}$

14. $1\frac{1}{8} \times 2\frac{7}{10} \times 1\frac{1}{3}$

Subtraction

7. $5\frac{1}{2} - 1\frac{1}{4}$

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

9. $10\frac{1}{2} - 3\frac{3}{5}$

10. $5\frac{1}{2} - \frac{7}{12}$

Division

15. $\frac{2}{3} \div 1\frac{2}{3}$

16. $4\frac{3}{4} \div 1\frac{1}{4}$

17. $10\frac{1}{8} \div 9$

18. $1\frac{7}{20} \div 1\frac{4}{5}$