

Fraction Operations Revision

Instructions: Answer in your homework book. Show full setting out.

1. Simplify

$$\frac{3}{5} + \frac{4}{5} \quad -\frac{3}{5} + \frac{4}{5} \quad \frac{3}{5} + -\frac{1}{5} \quad -\frac{3}{5} + -\frac{4}{5} \quad \frac{-1}{5} + \frac{-4}{5} \quad \frac{3}{5} + 2 \quad \frac{3}{5} + -2$$

2. Simplify

$$\frac{7}{5} - \frac{4}{5} \quad -\frac{3}{5} - \frac{1}{5} \quad \frac{3}{5} - -\frac{1}{5} \quad -\frac{3}{5} - -\frac{1}{5} \quad \frac{-1}{5} - \frac{-9}{5} \quad \frac{3}{5} - 2 \quad -\frac{3}{5} - -2$$

3. Simplify

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

4. Simplify

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

5. Simplify

$$\frac{3}{2} - \frac{1}{5} \quad -\frac{3}{5} - \frac{3}{2} \quad \frac{-3}{4} - -\frac{2}{5} \quad -\frac{3}{2} - -\frac{2}{3} \quad \frac{-1}{5} - \frac{-1}{6} \quad \frac{3}{5} - \frac{5}{2} \quad \frac{3}{5} - \frac{-5}{6}$$

6. Simplify

$$\frac{3}{2} \times \frac{1}{5} \quad -\frac{3}{5} \times \frac{3}{2} \quad \frac{-3}{4} \times -\frac{2}{5} \quad -\frac{3}{2} \times -\frac{2}{3} \quad \frac{-1}{5} \times \frac{-1}{6} \quad \frac{3}{5} \times \frac{5}{2} \quad \frac{3}{5} \times \frac{-5}{6}$$

7. Simplify

$$\frac{3}{2} \times 2 \quad -\frac{3}{5} \times 3 \quad \frac{-3}{4} \times -2 \quad -2 \times -\frac{2}{3} \quad \frac{-1}{5} \times -3 \quad \frac{3}{5} \times -1 \quad -6 \times \frac{-5}{6}$$

8. Simplify

$$-2 \times \frac{3}{4} \quad -\frac{3}{5} \times -2 \quad \frac{-3}{4} \times -1 \quad -6 \times \frac{2}{3} \quad \frac{-1}{3} \times 3 \quad \frac{3}{5} \times -8 \quad -12 \times \frac{-5}{6}$$

9. Simplify

$$\frac{3}{2} \div \frac{4}{5} \quad -\frac{3}{4} \div \frac{3}{2} \quad \frac{-3}{2} \div -\frac{1}{2} \quad -\frac{3}{4} \div -\frac{4}{3} \quad \frac{-1}{5} \div \frac{-1}{6} \quad \frac{3}{5} \div 5 \quad \frac{3}{5} \div -\frac{6}{5}$$

10. Simplify

$$-2 \div \frac{3}{4} \quad -\frac{3}{5} \div -2 \quad \frac{-3}{4} \div -1 \quad -6 \div \frac{2}{3} \quad \frac{-1}{3} \div 3 \quad \frac{3}{5} \div -8 \quad -12 \div \frac{-5}{6}$$