

## Operations with Fractions (B)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

1.  $\frac{3}{2} + \frac{8}{5} = \text{---} + \text{---} = \text{---} = \text{---}$

2.  $\left(-\frac{11}{9}\right) \times \left(-\frac{10}{3}\right) = \text{---} = \text{---}$

3.  $\frac{15}{4} \times \left(-\frac{3}{4}\right) = \text{---} = \text{---}$

4.  $\frac{19}{8} - \frac{11}{7} = \text{---} - \text{---} = \text{---}$

5.  $\left(-\frac{19}{7}\right) + \frac{5}{2} = \text{---} + \text{---} = \text{---}$

6.  $\frac{9}{8} \times \left(-\frac{1}{2}\right) = \text{---}$

7.  $\left(-\frac{5}{2}\right) \div \frac{4}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

8.  $\left(-\frac{25}{7}\right) \div \frac{7}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

9.  $\frac{7}{3} - \left(-\frac{17}{5}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

10.  $\left(-\frac{3}{2}\right) + \left(-\frac{35}{9}\right) = \text{---} + \text{---} = \text{---} = \text{---}$

## Operations with Fractions (B) Answers

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

Calculate each result.

$$1. \quad \frac{3}{2} + \frac{8}{5} = \frac{15}{10} + \frac{16}{10} = \frac{31}{10} = 3\frac{1}{10}$$

$$2. \quad \left(-\frac{11}{9}\right) \times \left(-\frac{10}{3}\right) = \frac{110}{27} = 4\frac{2}{27}$$

$$3. \quad \frac{15}{4} \times \left(-\frac{3}{4}\right) = \left(-\frac{45}{16}\right) = \left(-2\frac{13}{16}\right)$$

$$4. \quad \frac{19}{8} - \frac{11}{7} = \frac{133}{56} - \frac{88}{56} = \frac{45}{56}$$

$$5. \quad \left(-\frac{19}{7}\right) + \frac{5}{2} = \left(-\frac{38}{14}\right) + \frac{35}{14} = \left(-\frac{3}{14}\right)$$

$$6. \quad \frac{9}{8} \times \left(-\frac{1}{2}\right) = \left(-\frac{9}{16}\right)$$

$$7. \quad \left(-\frac{5}{2}\right) \div \frac{4}{3} = \left(-\frac{5}{2}\right) \times \frac{3}{4} = \left(-\frac{15}{8}\right) = \left(-1\frac{7}{8}\right)$$

$$8. \quad \left(-\frac{25}{7}\right) \div \frac{7}{3} = \left(-\frac{25}{7}\right) \times \frac{3}{7} = \left(-\frac{75}{49}\right) = \left(-1\frac{26}{49}\right)$$

$$9. \quad \frac{7}{3} - \left(-\frac{17}{5}\right) = \frac{35}{15} - \left(-\frac{51}{15}\right) = \frac{86}{15} = 5\frac{11}{15}$$

$$10. \quad \left(-\frac{3}{2}\right) + \left(-\frac{35}{9}\right) = \left(-\frac{27}{18}\right) + \left(-\frac{70}{18}\right) = \left(-\frac{97}{18}\right) = \left(-5\frac{7}{18}\right)$$