

# Operations with Fractions (H)

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

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

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

Calculate each result.

1.  $\frac{29}{8} \div \frac{10}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

2.  $\frac{25}{8} - \left(-\frac{11}{3}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

3.  $\left(-\frac{11}{3}\right) \times \left(-\frac{7}{4}\right) = \text{---} = \text{---}$

4.  $\frac{1}{2} \div \frac{11}{7} = \text{---} \times \text{---} = \text{---}$

5.  $\frac{22}{7} - \frac{1}{8} = \text{---} - \text{---} = \text{---} = \text{---}$

6.  $\frac{11}{3} - \left(-\frac{13}{4}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

7.  $\frac{11}{4} \times \frac{3}{4} = \text{---} = \text{---}$

8.  $\frac{9}{4} \times \left(-\frac{1}{2}\right) = \text{---} = \text{---}$

9.  $\left(-\frac{8}{3}\right) \div \left(-\frac{9}{4}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

10.  $\frac{22}{7} + \frac{5}{3} = \text{---} + \text{---} = \text{---} = \text{---}$

## Operations with Fractions (H) Answers

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

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

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

Calculate each result.

$$1. \quad \frac{29}{8} \div \frac{10}{9} = \frac{29}{8} \times \frac{9}{10} = \frac{261}{80} = 3\frac{21}{80}$$

$$2. \quad \frac{25}{8} - \left(-\frac{11}{3}\right) = \frac{75}{24} - \left(-\frac{88}{24}\right) = \frac{163}{24} = 6\frac{19}{24}$$

$$3. \quad \left(-\frac{11}{3}\right) \times \left(-\frac{7}{4}\right) = \frac{77}{12} = 6\frac{5}{12}$$

$$4. \quad \frac{1}{2} \div \frac{11}{7} = \frac{1}{2} \times \frac{7}{11} = \frac{7}{22}$$

$$5. \quad \frac{22}{7} - \frac{1}{8} = \frac{176}{56} - \frac{7}{56} = \frac{169}{56} = 3\frac{1}{56}$$

$$6. \quad \frac{11}{3} - \left(-\frac{13}{4}\right) = \frac{44}{12} - \left(-\frac{39}{12}\right) = \frac{83}{12} = 6\frac{11}{12}$$

$$7. \quad \frac{11}{4} \times \frac{3}{4} = \frac{33}{16} = 2\frac{1}{16}$$

$$8. \quad \frac{9}{4} \times \left(-\frac{1}{2}\right) = \left(-\frac{9}{8}\right) = \left(-1\frac{1}{8}\right)$$

$$9. \quad \left(-\frac{8}{3}\right) \div \left(-\frac{9}{4}\right) = \left(-\frac{8}{3}\right) \times \left(-\frac{4}{9}\right) = \frac{32}{27} = 1\frac{5}{27}$$

$$10. \quad \frac{22}{7} + \frac{5}{3} = \frac{66}{21} + \frac{35}{21} = \frac{101}{21} = 4\frac{17}{21}$$