

Operations with Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\left(-\frac{25}{7}\right) \div \left(-\frac{26}{9}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

2. $\frac{3}{4} \div \left(-\frac{8}{5}\right) = \text{---} \times \text{---} = \text{---}$

3. $\left(-\frac{3}{8}\right) + \frac{10}{7} = \text{---} + \text{---} = \text{---} = \text{---}$

4. $\frac{10}{3} \times \frac{2}{9} = \text{---}$

5. $\left(-\frac{16}{7}\right) \times \left(-\frac{8}{3}\right) = \text{---} = \text{---}$

6. $\frac{19}{6} \times \left(-\frac{11}{8}\right) = \text{---} = \text{---}$

7. $\left(-\frac{13}{4}\right) + \left(-\frac{16}{5}\right) = \text{---} + \text{---} = \text{---} = \text{---}$

8. $\left(-\frac{14}{9}\right) \div \frac{1}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $\left(-\frac{6}{7}\right) - \left(-\frac{5}{3}\right) = \text{---} - \text{---} = \text{---}$

10. $\left(-\frac{1}{2}\right) + \left(-\frac{2}{9}\right) = \text{---} + \text{---} = \text{---}$

Operations with Fractions (E) Answers

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Calculate each result.

$$1. \left(-\frac{25}{7}\right) \div \left(-\frac{26}{9}\right) = \left(-\frac{25}{7}\right) \times \left(-\frac{9}{26}\right) = \frac{225}{182} = 1\frac{43}{182}$$

$$2. \frac{3}{4} \div \left(-\frac{8}{5}\right) = \frac{3}{4} \times \left(-\frac{5}{8}\right) = \left(-\frac{15}{32}\right)$$

$$3. \left(-\frac{3}{8}\right) + \frac{10}{7} = \left(-\frac{21}{56}\right) + \frac{80}{56} = \frac{59}{56} = 1\frac{3}{56}$$

$$4. \frac{10}{3} \times \frac{2}{9} = \frac{20}{27}$$

$$5. \left(-\frac{16}{7}\right) \times \left(-\frac{8}{3}\right) = \frac{128}{21} = 6\frac{2}{21}$$

$$6. \frac{19}{6} \times \left(-\frac{11}{8}\right) = \left(-\frac{209}{48}\right) = \left(-4\frac{17}{48}\right)$$

$$7. \left(-\frac{13}{4}\right) + \left(-\frac{16}{5}\right) = \left(-\frac{65}{20}\right) + \left(-\frac{64}{20}\right) = \left(-\frac{129}{20}\right) = \left(-6\frac{9}{20}\right)$$

$$8. \left(-\frac{14}{9}\right) \div \frac{1}{4} = \left(-\frac{14}{9}\right) \times \frac{4}{1} = \left(-\frac{56}{9}\right) = \left(-6\frac{2}{9}\right)$$

$$9. \left(-\frac{6}{7}\right) - \left(-\frac{5}{3}\right) = \left(-\frac{18}{21}\right) - \left(-\frac{35}{21}\right) = \frac{17}{21}$$

$$10. \left(-\frac{1}{2}\right) + \left(-\frac{2}{9}\right) = \left(-\frac{9}{18}\right) + \left(-\frac{4}{18}\right) = \left(-\frac{13}{18}\right)$$