

Operations with Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\left(-\frac{18}{5}\right) + \frac{7}{8} = \text{---} + \text{---} = \text{---} = \text{---}$

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

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

4. $\frac{17}{7} - \left(-\frac{23}{6}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

5. $\left(-\frac{3}{2}\right) + \frac{1}{7} = \text{---} + \text{---} = \text{---} = \text{---}$

6. $\frac{15}{7} - \left(-\frac{5}{3}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

7. $\frac{19}{9} - \left(-\frac{27}{8}\right) = \text{---} - \text{---} = \text{---} = \text{---}$

8. $\frac{7}{2} \div \frac{2}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $\frac{5}{2} \times \frac{7}{4} = \text{---} = \text{---}$

10. $\frac{7}{3} \div \left(-\frac{1}{2}\right) = \text{---} \times \text{---} = \text{---} = \text{---}$

Operations with Fractions (F) Answers

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Calculate each result.

$$1. \left(-\frac{18}{5}\right) + \frac{7}{8} = \left(-\frac{144}{40}\right) + \frac{35}{40} = \left(-\frac{109}{40}\right) = \left(-2\frac{29}{40}\right)$$

$$2. \frac{7}{2} \div \left(-\frac{19}{5}\right) = \frac{7}{2} \times \left(-\frac{5}{19}\right) = \left(-\frac{35}{38}\right)$$

$$3. \left(-\frac{7}{2}\right) + \frac{4}{3} = \left(-\frac{21}{6}\right) + \frac{8}{6} = \left(-\frac{13}{6}\right) = \left(-2\frac{1}{6}\right)$$

$$4. \frac{17}{7} - \left(-\frac{23}{6}\right) = \frac{102}{42} - \left(-\frac{161}{42}\right) = \frac{263}{42} = 6\frac{11}{42}$$

$$5. \left(-\frac{3}{2}\right) + \frac{1}{7} = \left(-\frac{21}{14}\right) + \frac{2}{14} = \left(-\frac{19}{14}\right) = \left(-1\frac{5}{14}\right)$$

$$6. \frac{15}{7} - \left(-\frac{5}{3}\right) = \frac{45}{21} - \left(-\frac{35}{21}\right) = \frac{80}{21} = 3\frac{17}{21}$$

$$7. \frac{19}{9} - \left(-\frac{27}{8}\right) = \frac{152}{72} - \left(-\frac{243}{72}\right) = \frac{395}{72} = 5\frac{35}{72}$$

$$8. \frac{7}{2} \div \frac{2}{5} = \frac{7}{2} \times \frac{5}{2} = \frac{35}{4} = 8\frac{3}{4}$$

$$9. \frac{5}{2} \times \frac{7}{4} = \frac{35}{8} = 4\frac{3}{8}$$

$$10. \frac{7}{3} \div \left(-\frac{1}{2}\right) = \frac{7}{3} \times \left(-\frac{2}{1}\right) = \left(-\frac{14}{3}\right) = \left(-4\frac{2}{3}\right)$$