

Operations with Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{7}{2} - \frac{9}{7} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$
Denominator Solve Convert ↓

2. $\left(-\frac{4}{3}\right) + \left(-\frac{6}{7}\right) = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

3. $\left(-\frac{1}{2}\right) - \left(-\frac{6}{5}\right) = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

4. $\frac{27}{7} \times \left(-\frac{2}{7}\right) = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

5. $\frac{7}{8} \div \frac{10}{9} = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

6. $\frac{20}{7} - \frac{5}{2} = \underline{\hspace{1cm}} - \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

7. $\left(-\frac{3}{2}\right) \div \left(-\frac{7}{3}\right) = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

8. $\frac{7}{3} \times \left(-\frac{13}{8}\right) = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

9. $\left(-\frac{7}{6}\right) \div \frac{16}{5} = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

10. $\left(-\frac{3}{2}\right) \times \frac{3}{2} = \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$

Operations with Fractions (A) Answers

Name: _____

Date: _____

Score: _____

Calculate each result.

$$1. \quad \frac{7}{2} - \frac{9}{7} = \frac{49}{14} - \frac{18}{14} = \frac{31}{14} = 2\frac{3}{14}$$

$$2. \quad \left(-\frac{4}{3}\right) + \left(-\frac{6}{7}\right) = \left(-\frac{28}{21}\right) + \left(-\frac{18}{21}\right) = \left(-\frac{46}{21}\right) = \left(-2\frac{4}{21}\right)$$

$$3. \quad \left(-\frac{1}{2}\right) - \left(-\frac{6}{5}\right) = \left(-\frac{5}{10}\right) - \left(-\frac{12}{10}\right) = \frac{7}{10}$$

$$4. \quad \frac{27}{7} \times \left(-\frac{2}{7}\right) = \left(-\frac{54}{49}\right) = \left(-1\frac{5}{49}\right)$$

$$5. \quad \frac{7}{8} \div \frac{10}{9} = \frac{7}{8} \times \frac{9}{10} = \frac{63}{80}$$

$$6. \quad \frac{20}{7} - \frac{5}{2} = \frac{40}{14} - \frac{35}{14} = \frac{5}{14}$$

$$7. \quad \left(-\frac{3}{2}\right) \div \left(-\frac{7}{3}\right) = \left(-\frac{3}{2}\right) \times \left(-\frac{3}{7}\right) = \frac{9}{14}$$

$$8. \quad \frac{7}{3} \times \left(-\frac{13}{8}\right) = \left(-\frac{91}{24}\right) = \left(-3\frac{19}{24}\right)$$

$$9. \quad \left(-\frac{7}{6}\right) \div \frac{16}{5} = \left(-\frac{7}{6}\right) \times \frac{5}{16} = \left(-\frac{35}{96}\right)$$

$$10. \quad \left(-\frac{3}{2}\right) \times \frac{3}{2} = \left(-\frac{9}{4}\right) = \left(-2\frac{1}{4}\right)$$