Operations with Fractions (J)

Name: _____ Date: _____ Score: _____

Calculate each result.

1. $\frac{20}{7} - \left(-\frac{11}{3}\right) = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

2. $\frac{1}{8} \div \left(-\frac{10}{3}\right) = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$

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

4. $\frac{20}{9} - \frac{4}{5} = \frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

5. $\left(-\frac{1}{3}\right) \times \frac{13}{7} = \frac{\quad}{\quad}$

6. $\frac{13}{5} + \frac{2}{3} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

7. $\left(-\frac{13}{4}\right) + \left(-\frac{10}{9}\right) = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

8. $\frac{19}{7} \div \frac{5}{2} = \frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

9. $\frac{11}{6} \times \left(-\frac{11}{9}\right) = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

10. $\left(-\frac{10}{3}\right) + \frac{5}{2} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad}$

Operations with Fractions (J) Answers

Name: _____ Date: _____ Score: _____

Calculate each result.

1. $\frac{20}{7} - \left(-\frac{11}{3}\right) = \frac{60}{21} - \left(-\frac{77}{21}\right) = \frac{137}{21} = 6\frac{11}{21}$

2. $\frac{1}{8} \div \left(-\frac{10}{3}\right) = \frac{1}{8} \times \left(-\frac{3}{10}\right) = \left(-\frac{3}{80}\right)$

3. $\frac{1}{9} - \left(-\frac{3}{2}\right) = \frac{2}{18} - \left(-\frac{27}{18}\right) = \frac{29}{18} = 1\frac{11}{18}$

4. $\frac{20}{9} - \frac{4}{5} = \frac{100}{45} - \frac{36}{45} = \frac{64}{45} = 1\frac{19}{45}$

5. $\left(-\frac{1}{3}\right) \times \frac{13}{7} = \left(-\frac{13}{21}\right)$

6. $\frac{13}{5} + \frac{2}{3} = \frac{39}{15} + \frac{10}{15} = \frac{49}{15} = 3\frac{4}{15}$

7. $\left(-\frac{13}{4}\right) + \left(-\frac{10}{9}\right) = \left(-\frac{117}{36}\right) + \left(-\frac{40}{36}\right) = \left(-\frac{157}{36}\right) = \left(-4\frac{13}{36}\right)$

8. $\frac{19}{7} \div \frac{5}{2} = \frac{19}{7} \times \frac{2}{5} = \frac{38}{35} = 1\frac{3}{35}$

9. $\frac{11}{6} \times \left(-\frac{11}{9}\right) = \left(-\frac{121}{54}\right) = \left(-2\frac{13}{54}\right)$

10. $\left(-\frac{10}{3}\right) + \frac{5}{2} = \left(-\frac{20}{6}\right) + \frac{15}{6} = \left(-\frac{5}{6}\right)$