

Order of operations with fractions: Problem type 1: Worksheet 8.2

Name Date Score

1. Evaluate $(\frac{3}{8} + \frac{11}{8}) \times (\frac{6}{5} + \frac{2}{5})$
2. Evaluate $(\frac{8}{13} + \frac{3}{13}) \times (\frac{8}{5} - \frac{4}{9})$
3. Evaluate $(\frac{14}{11} - \frac{8}{11}) \div \frac{5}{11} - \frac{5}{12}$
4. Evaluate $(\frac{31}{8} - \frac{13}{8}) \times \frac{8}{5} - \frac{7}{3}$
5. Evaluate $(\frac{1}{4})^2 \div \frac{7}{18} + \frac{5}{28}$
6. Evaluate $(\frac{3}{4} - (\frac{1}{3})^2) \times \frac{3}{5}$
7. Evaluate $(\frac{13}{5} - \frac{9}{5}) \times (\frac{1}{3})^3 + \frac{7}{27}$
8. Evaluate $(\frac{5}{6})^2 \div (\frac{5}{3} + \frac{7}{9})$
9. Evaluate $\frac{3}{4} - \frac{1}{8} \times (\frac{4}{5})^2$
10. Evaluate $\frac{2}{5} + \frac{3}{4} \div (\frac{5}{2})^2$



Solutions: Worksheet 8.2

1. $14/5$
2. $44/45$
3. $37/60$
4. $19/15$
5. $19/56$
6. $23/60$
7. $13/45$
8. $25/88$
9. $67/100$
10. $13/25$

