

(All fractional answers must be in lowest terms.)

1. $\frac{2}{169} + \frac{33}{104} =$

2. $\frac{1}{9^3} + \frac{23}{18^2} =$

3. $\frac{9}{(0.8)^2} - \frac{1}{9} =$

4. $\frac{10}{2+(2/3)} + \frac{1}{2/9} =$

5. $\frac{13 \cdot 9}{(0.9)^2} - \frac{13^2}{10} =$

6. $\frac{21^{-30}}{3^{-28}} \cdot \frac{7^{31}}{12^2} =$

7. $\frac{3^{-6}}{2^{-1}} \div \frac{2/3-1/4}{6^4} =$

8. $\frac{11}{7} \cdot \square - \frac{15}{2} = \frac{1}{4}$
 $\square =$

9. $\frac{11}{7} (\square - \frac{15}{2}) = \frac{1}{4}$
 $\square =$

10. $21,000,100^{1/5}$
 $\underline{- 999,109^{4/7}}$