

Homework – Arithmetic of fractions

1. $\frac{3}{2} + \frac{1}{8}$

2. $\frac{1}{6} - \frac{2}{9}$

3. $\frac{7}{8} \times \frac{2}{3}$

4. $\frac{5}{6} \div \frac{2}{9}$

5. $\frac{3}{4} \times \left(\frac{1}{3} + \frac{1}{5}\right)$

6. $\frac{10}{5} \div \left(\frac{7}{2} + \frac{1}{5}\right)$

7. $\left(\frac{1}{2} + \frac{1}{5}\right) \times \left(\frac{5}{8} + \frac{1}{4}\right)$

8. $\frac{7}{8 \times \frac{3}{4}}$

9. $\frac{6xy}{\frac{xy}{3} \times \frac{3x}{4}}$

10. $\frac{x}{2} \times \frac{y}{3} \times \frac{x}{3y}$

11. $\frac{a}{b} + \frac{96}{a}$

12. $\frac{15}{2} \times \left(\frac{x}{3} - \frac{x}{5}\right)$