



Übungen zum Bruchrechnen I

1. $\frac{1}{3} + 1\frac{1}{3} - \frac{3}{7} = \frac{\quad}{21} + \frac{\quad}{21} - \frac{\quad}{21} = \frac{\quad}{21}$

2. $3\frac{2}{3} - 3\frac{1}{3} + 1\frac{1}{2} = \frac{\quad}{6} - \frac{\quad}{6} + \frac{\quad}{6} = \frac{\quad}{6}$

3. $1\frac{4}{5} - 1\frac{1}{2} + \frac{1}{3} = \frac{\quad}{30} - \frac{\quad}{30} + \frac{\quad}{30} = \frac{\quad}{30}$

4. Kürze: $\frac{4}{8} = \frac{\quad}{\quad} = \frac{6}{18} = \frac{\quad}{\quad} = \frac{100}{75} = \frac{\quad}{\quad}$

5. Kürze: $\frac{30}{18} = \frac{\quad}{\quad} = \frac{27}{18} = \frac{\quad}{\quad} = \frac{6}{9} = \frac{\quad}{\quad}$

6. Kürze: $\frac{100}{40} = \frac{\quad}{\quad} = \frac{72}{108} = \frac{\quad}{\quad} = \frac{216}{96} = \frac{\quad}{\quad}$

7. Kürze: $\frac{90}{60} = \frac{\quad}{\quad} = \frac{96}{36} = \frac{\quad}{\quad} = \frac{90}{36} = \frac{\quad}{\quad}$

8. $\frac{10}{5} - \frac{8}{5} + \frac{9}{5} =$ _____

9. $4\frac{1}{2} + 2\frac{2}{3} - 1\frac{2}{3} =$ _____

10. $3\frac{2}{3} + \frac{2}{5} - \frac{3}{5} =$ _____

11. $\frac{3}{7} \cdot \frac{5}{2} \cdot \frac{13}{5} =$ _____

12. $3\frac{1}{2} \cdot \frac{2}{7} \cdot \frac{6}{7} =$ _____

13. $\frac{2}{3} : \frac{7}{2} =$ _____

14. $\frac{16}{3} : \frac{15}{4} =$ _____

