## Addition und Subtraktion von Brüchen mit ungleichem Nenner

| | | | | | | | | | | | | | Lösung: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1) | $\frac{7}{8}$ | + | $\frac{3}{6}$ | = | $\frac{7 \cdot 3}{24}$ | + | $\frac{3 \cdot 4}{24}$ | = | $\frac{21}{24}$ | + | $\frac{12}{24}$ | = | $\frac{33}{24}$ | 1) |
| 2) | $\frac{3}{6}$ | + | $\frac{8}{2}$ | = | $\frac{3 \cdot 1}{6}$ | + | $\frac{8 \cdot 3}{6}$ | = | $\frac{3}{6}$ | + | $\frac{24}{6}$ | = | | 2) |
| 3) | $\frac{4}{5}$ | + | $\frac{7}{8}$ | = | $\frac{4 \cdot 8}{40}$ | + | $\frac{7 \cdot 5}{40}$ | = | $\frac{32}{}$ | + | $\frac{35}{}$ | = | | 3) |
| 4) | $\frac{9}{2}$ | + | $\frac{2}{8}$ | = | $\frac{9 \cdot 4}{8}$ | + | $\frac{2 \cdot 1}{8}$ | = | | + | | = | | 4) |
| 5) | $\frac{8}{2}$ | + | $\frac{9}{10}$ | = | $\frac{}{10}$ | + | $\frac{}{10}$ | = | | | | = | | 5) |
| 6) | $\frac{2}{6}$ | + | $\frac{8}{9}$ | = | | | | = | | | | = | | 6) |
| 7) | $\frac{8}{9}$ | + | $\frac{6}{8}$ | = | | | | = | | | | = | | 7) |
| 8) | $\frac{7}{8}$ | + | $\frac{3}{7}$ | = | | | | = | | | | = | | 8) |
| 9) | $\frac{6}{5}$ | + | $\frac{3}{5}$ | = | | | | = | | | | = | | 9) |
| 10) | $\frac{4}{2}$ | + | $\frac{8}{3}$ | = | | | | = | | | | = | | 10) |
| 11) | $\frac{7}{4}$ | - | $\frac{2}{9}$ | = | $\frac{7 \cdot 9}{36}$ | - | $\frac{2 \cdot 4}{36}$ | = | $\frac{63}{36}$ | - | $\frac{8}{36}$ | = | $\frac{55}{36}$ | 11) |
| 12) | $\frac{9}{10}$ | - | $\frac{8}{4}$ | = | | | | = | | | | = | | 12) |
| 13) | $\frac{5}{7}$ | - | $\frac{7}{8}$ | = | | | | = | | | | = | | 13) |
| 14) | $\frac{8}{4}$ | - | $\frac{8}{6}$ | = | | | | = | | | | = | | 14) |
| 15) | $\frac{2}{3}$ | - | $\frac{3}{4}$ | = | | | | = | | | | = | | 15) |
| 16) | $\frac{4}{6}$ | - | $\frac{3}{4}$ | = | | | | = | | | | = | | 16) |
| 17) | $\frac{7}{9}$ | - | $\frac{4}{8}$ | = | | | | = | | | | = | | 17) |
| 18) | $\frac{3}{4}$ | - | $\frac{2}{4}$ | = | | | | = | | | | = | | 18) |