

# Aufgaben

1. Erweitere:  $\frac{7}{6} = \frac{\quad}{72}$        $\frac{7}{6} = \frac{\quad}{54}$        $\frac{3}{2} = \frac{\quad}{24}$        $\frac{8}{3} = \frac{\quad}{18}$
2.  $1\frac{2}{3} + 6\frac{1}{2} - 1\frac{6}{7} = \frac{\quad}{42} + \frac{\quad}{42} - \frac{\quad}{42} = \frac{\quad}{42}$
3.  $\frac{23}{3} + \frac{5}{2} - \frac{23}{9} + \frac{4}{3} = \frac{\quad}{18} + \frac{\quad}{18} - \frac{\quad}{18} + \frac{\quad}{18} = \frac{\quad}{18}$
4. Kürze:  $\frac{90}{108} =$        $\frac{324}{144} =$        $\frac{80}{48} =$
5.  $\frac{5}{2} + \frac{4}{5} - \frac{9}{4} =$
6.  $\frac{7}{3} - \frac{11}{7} + \frac{4}{5} - \frac{3}{4} + \frac{3}{10} =$
7.  $1\frac{1}{5} + \frac{4}{5} - \frac{1}{5} + 2\frac{2}{5} - 1\frac{1}{3} =$
8.  $\frac{1}{2} \cdot \frac{5}{7} \cdot 2 =$
9.  $\frac{13}{6} \cdot 6\frac{1}{2} \cdot 1\frac{1}{6} =$
10.  $\frac{4}{5} \cdot \frac{4}{3} + 2\frac{3}{4} =$
11.  $\frac{6}{7} \cdot 1\frac{1}{3} + 2 \cdot \frac{3}{2} =$
12.  $\frac{5}{4} : \frac{13}{7} =$
13.  $\frac{7}{3} \cdot 3\frac{1}{4} : 1\frac{3}{5} =$
14.  $\frac{6}{7} : \frac{8}{5} + \frac{11}{3} =$
15.  $\frac{7}{6} : 2 + \frac{5}{4} : \frac{5}{7} =$
16.  $\frac{5}{3} : \frac{3}{5} + 4 : 3 =$

# Aufgaben

Verwandle die Brüche in Dezimalzahlen

1.  $\frac{39}{100} =$                        $\frac{113}{1000} =$                        $100\frac{7}{10} =$                        $\frac{17}{1000} =$

Verwandle die Dezimalzahlen in Brüche

2.  $0,75 =$                        $2,4 =$                        $1,75 =$                        $1,875 =$

3.  $0,55 =$                        $0,875 =$                        $1,625 =$                        $0,55 =$

4.  $5,27 + 26,79 =$                        $6,187 + 7,14 =$

5.  $4,14 - 0,304 =$                        $3,22 - 1,77 =$

6.  $0,87 - 0,542 + 25,8 =$                        $9,44 - 0,476 + 0,15 =$

7.  $0,09 \cdot 6 =$                        $0,8 \cdot 7 =$

8.  $0,1 \cdot 38 =$                        $0,09 \cdot 4,6 =$

9.  $0,4 : 0,08 =$                        $139,2 : 1,6 =$

10.  $1,65 : 0,33 =$                        $0,891 : 9 =$

11.  $4,5 : 0,9 =$                        $0,44 : 5,5 =$

12.  $0,004 \cdot 0,001 =$                        $0,009 \cdot 0,002 =$

13.  $300 \cdot 0,0001 =$                        $0,0003 \cdot 400 =$

14.  $0,0006 \cdot 0,006 =$                        $0,006 \cdot 0,0003 =$

15.  $6,3 : 7 =$                        $6,4 : 8 =$

16.  $0,05 : 0,01 =$                        $0,02 : 0,01 =$

17.  $48 : 0,06 =$                        $24 : 0,03 =$

18.  $6,8 \cdot 5 =$                        $15 \cdot 1,8 =$