

**Aufgabe 1: Berechne**

1)  $\frac{9}{5} : 7 =$

2)  $\frac{4}{5} : 2 =$

3)  $\frac{8}{2} : 9 =$

4)  $\frac{7}{6} : 2 =$

5)  $\frac{3}{9} : 5 =$

**Aufgabe 2: Berechne**

1)  $2 : \frac{7}{2} =$

2)  $3 : \frac{4}{7} =$

3)  $5 : \frac{7}{4} =$

4)  $3 : \frac{7}{2} =$

5)  $4 : \frac{3}{5} =$

**Aufgabe 3: Berechne**

1)  $\frac{9}{10} : \frac{5}{3} =$

2)  $\frac{9}{6} : \frac{4}{6} =$

3)  $\frac{9}{7} : \frac{8}{3} =$

4)  $\frac{3}{2} : \frac{5}{9} =$

5)  $\frac{8}{6} : \frac{3}{7} =$

**Lösung:**

1)  $\frac{9}{5} : 7 = \frac{9}{5 \cdot 7} = \frac{9}{35}$

2)  $\frac{4}{5} : 2 = \frac{4}{5 \cdot 2} = \frac{4}{10} = \frac{2}{5}$

3)  $\frac{8}{2} : 9 = \frac{8}{2 \cdot 9} = \frac{8}{18} = \frac{4}{9}$

4)  $\frac{7}{6} : 2 = \frac{7}{6 \cdot 2} = \frac{7}{12}$

5)  $\frac{3}{9} : 5 = \frac{3}{9 \cdot 5} = \frac{3}{45} = \frac{1}{15}$

1)  $2 : \frac{7}{2} = \frac{2 \cdot 2}{7} = \frac{4}{7}$

2)  $3 : \frac{4}{7} = \frac{3 \cdot 7}{4} = \frac{21}{4}$

3)  $5 : \frac{7}{4} = \frac{5 \cdot 4}{7} = \frac{20}{7}$

4)  $3 : \frac{7}{2} = \frac{3 \cdot 2}{7} = \frac{6}{7}$

5)  $4 : \frac{3}{5} = \frac{4 \cdot 5}{3} = \frac{20}{3}$

1)  $\frac{9}{10} : \frac{5}{3} = \frac{9}{10} \cdot \frac{3}{5} = \frac{27}{50}$

2)  $\frac{9}{6} : \frac{4}{6} = \frac{9}{6} \cdot \frac{6}{4} = \frac{54}{24} = \frac{9}{4}$

3)  $\frac{9}{7} : \frac{8}{3} = \frac{9}{7} \cdot \frac{3}{8} = \frac{27}{56}$

4)  $\frac{3}{2} : \frac{5}{9} = \frac{3}{2} \cdot \frac{9}{5} = \frac{27}{10}$

5)  $\frac{8}{6} : \frac{3}{7} = \frac{8}{6} \cdot \frac{7}{3} = \frac{56}{18} = \frac{28}{9}$