

**Aufgabe 1: Berechne**

1)  $\frac{6}{7} \cdot 5 =$

2)  $\frac{8}{4} \cdot 5 =$

3)  $\frac{8}{6} \cdot 6 =$

4)  $\frac{9}{6} \cdot 6 =$

5)  $\frac{8}{3} \cdot 4 =$

**Aufgabe 2: Berechne**

1)  $\frac{6}{8} \cdot \frac{7}{9} =$

2)  $\frac{8}{2} \cdot \frac{6}{5} =$

3)  $\frac{7}{8} \cdot \frac{7}{6} =$

4)  $\frac{8}{4} \cdot \frac{3}{4} =$

5)  $\frac{3}{6} \cdot \frac{3}{4} =$

**Aufgabe 3: Berechne und kürze dabei direkt**

1)  $\frac{14}{125} \cdot \frac{125}{14} =$

2)  $\frac{54}{63} \cdot \frac{28}{45} =$

3)  $\frac{10}{21} \cdot \frac{14}{15} =$

4)  $\frac{9}{64} \cdot \frac{64}{24} =$

5)  $\frac{6}{21} \cdot \frac{9}{16} =$

**Lösung:**

1)  $\frac{6}{7} \cdot 5 = \frac{30}{7} =$

2)  $\frac{8}{4} \cdot 5 = \frac{40}{4} = \frac{10}{1}$

3)  $\frac{8}{6} \cdot 6 = \frac{48}{6} = \frac{8}{1}$

4)  $\frac{9}{6} \cdot 6 = \frac{54}{6} = \frac{9}{1}$

5)  $\frac{8}{3} \cdot 4 = \frac{32}{3} =$

1)  $\frac{6}{8} \cdot \frac{7}{9} = \frac{42}{72} = \frac{7}{12}$

2)  $\frac{8}{2} \cdot \frac{6}{5} = \frac{48}{10} = \frac{24}{5}$

3)  $\frac{7}{8} \cdot \frac{7}{6} = \frac{49}{48} =$

4)  $\frac{8}{4} \cdot \frac{3}{4} = \frac{24}{16} = \frac{3}{2}$

5)  $\frac{3}{6} \cdot \frac{3}{4} = \frac{9}{24} = \frac{3}{8}$

1)  $\frac{1}{125} \cdot \frac{125}{1} = \frac{1}{1} \cdot \frac{1}{1} = \frac{1}{1} =$

2)  $\frac{6}{63} \cdot \frac{28}{45} = \frac{6}{9} \cdot \frac{4}{5} = \frac{24}{45} = \frac{8}{15}$

3)  $\frac{2}{21} \cdot \frac{14}{15} = \frac{2}{3} \cdot \frac{2}{3} = \frac{4}{9} =$

4)  $\frac{3}{64} \cdot \frac{64}{24} = \frac{3}{1} \cdot \frac{1}{8} = \frac{3}{8} =$

5)  $\frac{3}{21} \cdot \frac{9}{16} = \frac{3}{7} \cdot \frac{3}{8} = \frac{9}{56} =$