

**Ergänze die fehlenden Zähler und Nenner:**

① a)  $\frac{48}{78} = \frac{\quad}{13}$       b)  $\frac{44}{86} = \frac{22}{\quad}$       c)  $\frac{2}{58} = \frac{\quad}{29}$       d)  $\frac{14}{36} = \frac{7}{\quad}$

e)  $\frac{9}{57} = \frac{\quad}{19}$       f)  $\frac{1}{14} = \frac{2}{\quad}$       g)  $\frac{13}{91} = \frac{\quad}{7}$       h)  $\frac{21}{22} = \frac{84}{\quad}$

② a)  $\frac{1}{15} = \frac{\quad}{30}$       b)  $\frac{28}{72} = \frac{7}{\quad}$       c)  $\frac{3}{10} = \frac{\quad}{70}$       d)  $\frac{3}{51} = \frac{1}{\quad}$

e)  $\frac{42}{77} = \frac{\quad}{11}$       f)  $\frac{40}{68} = \frac{10}{\quad}$       g)  $\frac{2}{18} = \frac{\quad}{9}$       h)  $\frac{66}{94} = \frac{33}{\quad}$

③ a)  $\frac{28}{34} = \frac{\quad}{17}$       b)  $\frac{16}{18} = \frac{8}{\quad}$       c)  $\frac{15}{20} = \frac{\quad}{4}$       d)  $\frac{24}{42} = \frac{4}{\quad}$

e)  $\frac{18}{33} = \frac{\quad}{11}$       f)  $\frac{7}{9} = \frac{35}{\quad}$       g)  $\frac{42}{54} = \frac{\quad}{9}$       h)  $\frac{32}{54} = \frac{16}{\quad}$

④ a)  $\frac{16}{64} = \frac{\quad}{4}$       b)  $\frac{34}{62} = \frac{17}{\quad}$       c)  $\frac{6}{35} = \frac{\quad}{70}$       d)  $\frac{40}{86} = \frac{20}{\quad}$

e)  $\frac{80}{90} = \frac{\quad}{9}$       f)  $\frac{12}{22} = \frac{6}{\quad}$       g)  $\frac{3}{87} = \frac{\quad}{29}$       h)  $\frac{6}{75} = \frac{2}{\quad}$

⑤ a)  $\frac{38}{86} = \frac{\quad}{43}$       b)  $\frac{10}{48} = \frac{5}{\quad}$       c)  $\frac{9}{16} = \frac{\quad}{32}$       d)  $\frac{60}{80} = \frac{3}{\quad}$

e)  $\frac{54}{80} = \frac{\quad}{40}$       f)  $\frac{16}{41} = \frac{32}{\quad}$       g)  $\frac{30}{38} = \frac{\quad}{19}$       h)  $\frac{8}{30} = \frac{4}{\quad}$

Ergänze die fehlenden Zähler und Nenner:

- ① a)  $\frac{48}{78} = \frac{8}{13}$       b)  $\frac{44}{86} = \frac{22}{43}$       c)  $\frac{2}{58} = \frac{1}{29}$       d)  $\frac{14}{36} = \frac{7}{18}$
- e)  $\frac{9}{57} = \frac{3}{19}$       f)  $\frac{1}{14} = \frac{2}{28}$       g)  $\frac{13}{91} = \frac{1}{7}$       h)  $\frac{21}{22} = \frac{84}{88}$
- ② a)  $\frac{1}{15} = \frac{2}{30}$       b)  $\frac{28}{72} = \frac{7}{18}$       c)  $\frac{3}{10} = \frac{21}{70}$       d)  $\frac{3}{51} = \frac{1}{17}$
- e)  $\frac{42}{77} = \frac{6}{11}$       f)  $\frac{40}{68} = \frac{10}{17}$       g)  $\frac{2}{18} = \frac{1}{9}$       h)  $\frac{66}{94} = \frac{33}{47}$
- ③ a)  $\frac{28}{34} = \frac{14}{17}$       b)  $\frac{16}{18} = \frac{8}{9}$       c)  $\frac{15}{20} = \frac{3}{4}$       d)  $\frac{24}{42} = \frac{4}{7}$
- e)  $\frac{18}{33} = \frac{6}{11}$       f)  $\frac{7}{9} = \frac{35}{45}$       g)  $\frac{42}{54} = \frac{7}{9}$       h)  $\frac{32}{54} = \frac{16}{27}$
- ④ a)  $\frac{16}{64} = \frac{1}{4}$       b)  $\frac{34}{62} = \frac{17}{31}$       c)  $\frac{6}{35} = \frac{12}{70}$       d)  $\frac{40}{86} = \frac{20}{43}$
- e)  $\frac{80}{90} = \frac{8}{9}$       f)  $\frac{12}{22} = \frac{6}{11}$       g)  $\frac{3}{87} = \frac{1}{29}$       h)  $\frac{6}{75} = \frac{2}{25}$
- ⑤ a)  $\frac{38}{86} = \frac{19}{43}$       b)  $\frac{10}{48} = \frac{5}{24}$       c)  $\frac{9}{16} = \frac{18}{32}$       d)  $\frac{60}{80} = \frac{3}{4}$
- e)  $\frac{54}{80} = \frac{27}{40}$       f)  $\frac{16}{41} = \frac{32}{82}$       g)  $\frac{30}{38} = \frac{15}{19}$       h)  $\frac{8}{30} = \frac{4}{15}$