

Ergänze die fehlenden Zähler und Nenner (erst kürzen, dann erweitern):

① a) $\frac{50}{95} = \frac{\quad}{57}$ b) $\frac{48}{50} = \frac{72}{\quad}$ c) $\frac{16}{20} = \frac{\quad}{15}$ d) $\frac{35}{84} = \frac{20}{\quad}$

e) $\frac{28}{91} = \frac{\quad}{65}$ f) $\frac{12}{66} = \frac{10}{\quad}$ g) $\frac{54}{66} = \frac{\quad}{55}$ h) $\frac{54}{69} = \frac{36}{\quad}$

② a) $\frac{6}{32} = \frac{\quad}{80}$ b) $\frac{63}{77} = \frac{45}{\quad}$ c) $\frac{80}{90} = \frac{\quad}{54}$ d) $\frac{46}{56} = \frac{69}{\quad}$

e) $\frac{40}{44} = \frac{\quad}{77}$ f) $\frac{56}{77} = \frac{24}{\quad}$ g) $\frac{33}{55} = \frac{\quad}{35}$ h) $\frac{43}{86} = \frac{4}{\quad}$

③ a) $\frac{6}{33} = \frac{\quad}{44}$ b) $\frac{30}{39} = \frac{40}{\quad}$ c) $\frac{27}{90} = \frac{\quad}{50}$ d) $\frac{2}{28} = \frac{3}{\quad}$

e) $\frac{21}{57} = \frac{\quad}{95}$ f) $\frac{69}{93} = \frac{46}{\quad}$ g) $\frac{5}{50} = \frac{\quad}{20}$ h) $\frac{18}{45} = \frac{4}{\quad}$

④ a) $\frac{7}{91} = \frac{\quad}{26}$ b) $\frac{20}{26} = \frac{70}{\quad}$ c) $\frac{6}{14} = \frac{\quad}{35}$ d) $\frac{8}{10} = \frac{20}{\quad}$

e) $\frac{18}{24} = \frac{\quad}{20}$ f) $\frac{18}{72} = \frac{7}{\quad}$ g) $\frac{3}{15} = \frac{\quad}{25}$ h) $\frac{42}{45} = \frac{56}{\quad}$

⑤ a) $\frac{21}{35} = \frac{\quad}{30}$ b) $\frac{14}{26} = \frac{21}{\quad}$ c) $\frac{46}{60} = \frac{\quad}{90}$ d) $\frac{4}{36} = \frac{3}{\quad}$

e) $\frac{42}{48} = \frac{\quad}{40}$ f) $\frac{36}{96} = \frac{15}{\quad}$ g) $\frac{64}{92} = \frac{\quad}{69}$ h) $\frac{4}{18} = \frac{6}{\quad}$

Ergänze die fehlenden Zähler und Nenner (erst kürzen, dann erweitern):

① a) $\frac{50}{95} = \frac{30}{57}$ b) $\frac{48}{50} = \frac{72}{75}$ c) $\frac{16}{20} = \frac{12}{15}$ d) $\frac{35}{84} = \frac{20}{48}$

e) $\frac{28}{91} = \frac{20}{65}$ f) $\frac{12}{66} = \frac{10}{55}$ g) $\frac{54}{66} = \frac{45}{55}$ h) $\frac{54}{69} = \frac{36}{46}$

② a) $\frac{6}{32} = \frac{15}{80}$ b) $\frac{63}{77} = \frac{45}{55}$ c) $\frac{80}{90} = \frac{48}{54}$ d) $\frac{46}{56} = \frac{69}{84}$

e) $\frac{40}{44} = \frac{70}{77}$ f) $\frac{56}{77} = \frac{24}{33}$ g) $\frac{33}{55} = \frac{21}{35}$ h) $\frac{43}{86} = \frac{4}{8}$

③ a) $\frac{6}{33} = \frac{8}{44}$ b) $\frac{30}{39} = \frac{40}{52}$ c) $\frac{27}{90} = \frac{15}{50}$ d) $\frac{2}{28} = \frac{3}{42}$

e) $\frac{21}{57} = \frac{35}{95}$ f) $\frac{69}{93} = \frac{46}{62}$ g) $\frac{5}{50} = \frac{2}{20}$ h) $\frac{18}{45} = \frac{4}{10}$

④ a) $\frac{7}{91} = \frac{2}{26}$ b) $\frac{20}{26} = \frac{70}{91}$ c) $\frac{6}{14} = \frac{15}{35}$ d) $\frac{8}{10} = \frac{20}{25}$

e) $\frac{18}{24} = \frac{15}{20}$ f) $\frac{18}{72} = \frac{7}{28}$ g) $\frac{3}{15} = \frac{5}{25}$ h) $\frac{42}{45} = \frac{56}{60}$

⑤ a) $\frac{21}{35} = \frac{18}{30}$ b) $\frac{14}{26} = \frac{21}{39}$ c) $\frac{46}{60} = \frac{69}{90}$ d) $\frac{4}{36} = \frac{3}{27}$

e) $\frac{42}{48} = \frac{35}{40}$ f) $\frac{36}{96} = \frac{15}{40}$ g) $\frac{64}{92} = \frac{48}{69}$ h) $\frac{4}{18} = \frac{6}{27}$