

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

① a) $\frac{16}{64} = \frac{\quad}{24}$ b) $\frac{64}{84} = \frac{48}{\quad}$ c) $\frac{63}{81} = \frac{\quad}{54}$ d) $\frac{46}{62} = \frac{69}{\quad}$

e) $\frac{11}{88} = \frac{\quad}{32}$ f) $\frac{50}{75} = \frac{4}{\quad}$ g) $\frac{28}{64} = \frac{\quad}{48}$ h) $\frac{3}{30} = \frac{4}{\quad}$

② a) $\frac{32}{36} = \frac{\quad}{27}$ b) $\frac{2}{54} = \frac{3}{\quad}$ c) $\frac{35}{56} = \frac{\quad}{16}$ d) $\frac{7}{98} = \frac{4}{\quad}$

e) $\frac{30}{40} = \frac{\quad}{24}$ f) $\frac{48}{76} = \frac{60}{\quad}$ g) $\frac{87}{90} = \frac{\quad}{60}$ h) $\frac{3}{96} = \frac{2}{\quad}$

③ a) $\frac{72}{84} = \frac{\quad}{35}$ b) $\frac{21}{77} = \frac{15}{\quad}$ c) $\frac{30}{63} = \frac{\quad}{42}$ d) $\frac{26}{42} = \frac{39}{\quad}$

e) $\frac{14}{77} = \frac{\quad}{22}$ f) $\frac{51}{63} = \frac{34}{\quad}$ g) $\frac{57}{78} = \frac{\quad}{52}$ h) $\frac{15}{33} = \frac{20}{\quad}$

④ a) $\frac{16}{36} = \frac{\quad}{45}$ b) $\frac{70}{84} = \frac{25}{\quad}$ c) $\frac{25}{35} = \frac{\quad}{14}$ d) $\frac{30}{55} = \frac{18}{\quad}$

e) $\frac{10}{80} = \frac{\quad}{24}$ f) $\frac{20}{76} = \frac{15}{\quad}$ g) $\frac{3}{39} = \frac{\quad}{26}$ h) $\frac{15}{42} = \frac{20}{\quad}$

⑤ a) $\frac{55}{77} = \frac{\quad}{21}$ b) $\frac{45}{85} = \frac{27}{\quad}$ c) $\frac{35}{91} = \frac{\quad}{65}$ d) $\frac{14}{32} = \frac{35}{\quad}$

e) $\frac{48}{88} = \frac{\quad}{77}$ f) $\frac{39}{69} = \frac{52}{\quad}$ g) $\frac{55}{99} = \frac{\quad}{18}$ h) $\frac{18}{30} = \frac{21}{\quad}$

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

① a) $\frac{16}{64} = \frac{6}{24}$ b) $\frac{64}{84} = \frac{48}{63}$ c) $\frac{63}{81} = \frac{42}{54}$ d) $\frac{46}{62} = \frac{69}{93}$

e) $\frac{11}{88} = \frac{4}{32}$ f) $\frac{50}{75} = \frac{4}{6}$ g) $\frac{28}{64} = \frac{21}{48}$ h) $\frac{3}{30} = \frac{4}{40}$

② a) $\frac{32}{36} = \frac{24}{27}$ b) $\frac{2}{54} = \frac{3}{81}$ c) $\frac{35}{56} = \frac{10}{16}$ d) $\frac{7}{98} = \frac{4}{56}$

e) $\frac{30}{40} = \frac{18}{24}$ f) $\frac{48}{76} = \frac{60}{95}$ g) $\frac{87}{90} = \frac{58}{60}$ h) $\frac{3}{96} = \frac{2}{64}$

③ a) $\frac{72}{84} = \frac{30}{35}$ b) $\frac{21}{77} = \frac{15}{55}$ c) $\frac{30}{63} = \frac{20}{42}$ d) $\frac{26}{42} = \frac{39}{63}$

e) $\frac{14}{77} = \frac{4}{22}$ f) $\frac{51}{63} = \frac{34}{42}$ g) $\frac{57}{78} = \frac{38}{52}$ h) $\frac{15}{33} = \frac{20}{44}$

④ a) $\frac{16}{36} = \frac{20}{45}$ b) $\frac{70}{84} = \frac{25}{30}$ c) $\frac{25}{35} = \frac{10}{14}$ d) $\frac{30}{55} = \frac{18}{33}$

e) $\frac{10}{80} = \frac{3}{24}$ f) $\frac{20}{76} = \frac{15}{57}$ g) $\frac{3}{39} = \frac{2}{26}$ h) $\frac{15}{42} = \frac{20}{56}$

⑤ a) $\frac{55}{77} = \frac{15}{21}$ b) $\frac{45}{85} = \frac{27}{51}$ c) $\frac{35}{91} = \frac{25}{65}$ d) $\frac{14}{32} = \frac{35}{80}$

e) $\frac{48}{88} = \frac{42}{77}$ f) $\frac{39}{69} = \frac{52}{92}$ g) $\frac{55}{99} = \frac{10}{18}$ h) $\frac{18}{30} = \frac{21}{35}$