

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

① a) $\frac{39}{91} = \frac{\quad}{21}$ b) $\frac{33}{60} = \frac{22}{\quad}$ c) $\frac{20}{24} = \frac{\quad}{18}$ d) $\frac{18}{36} = \frac{5}{\quad}$

e) $\frac{7}{28} = \frac{\quad}{16}$ f) $\frac{54}{62} = \frac{81}{\quad}$ g) $\frac{36}{99} = \frac{\quad}{77}$ h) $\frac{18}{54} = \frac{5}{\quad}$

② a) $\frac{65}{70} = \frac{\quad}{84}$ b) $\frac{25}{55} = \frac{35}{\quad}$ c) $\frac{20}{32} = \frac{\quad}{24}$ d) $\frac{20}{60} = \frac{6}{\quad}$

e) $\frac{36}{66} = \frac{\quad}{55}$ f) $\frac{8}{18} = \frac{20}{\quad}$ g) $\frac{4}{8} = \frac{\quad}{10}$ h) $\frac{48}{80} = \frac{15}{\quad}$

③ a) $\frac{46}{69} = \frac{\quad}{12}$ b) $\frac{6}{16} = \frac{15}{\quad}$ c) $\frac{12}{40} = \frac{\quad}{70}$ d) $\frac{45}{60} = \frac{6}{\quad}$

e) $\frac{35}{50} = \frac{\quad}{60}$ f) $\frac{39}{84} = \frac{26}{\quad}$ g) $\frac{27}{36} = \frac{\quad}{16}$ h) $\frac{62}{93} = \frac{8}{\quad}$

④ a) $\frac{52}{64} = \frac{\quad}{80}$ b) $\frac{24}{39} = \frac{16}{\quad}$ c) $\frac{9}{90} = \frac{\quad}{70}$ d) $\frac{55}{66} = \frac{25}{\quad}$

e) $\frac{11}{44} = \frac{\quad}{12}$ f) $\frac{39}{45} = \frac{52}{\quad}$ g) $\frac{4}{34} = \frac{\quad}{85}$ h) $\frac{60}{96} = \frac{35}{\quad}$

⑤ a) $\frac{68}{92} = \frac{\quad}{69}$ b) $\frac{51}{78} = \frac{34}{\quad}$ c) $\frac{36}{56} = \frac{\quad}{70}$ d) $\frac{92}{96} = \frac{69}{\quad}$

e) $\frac{18}{38} = \frac{\quad}{57}$ f) $\frac{34}{85} = \frac{14}{\quad}$ g) $\frac{58}{66} = \frac{\quad}{99}$ h) $\frac{4}{24} = \frac{3}{\quad}$

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

① a) $\frac{39}{91} = \frac{9}{21}$ b) $\frac{33}{60} = \frac{22}{40}$ c) $\frac{20}{24} = \frac{15}{18}$ d) $\frac{18}{36} = \frac{5}{10}$

e) $\frac{7}{28} = \frac{4}{16}$ f) $\frac{54}{62} = \frac{81}{93}$ g) $\frac{36}{99} = \frac{28}{77}$ h) $\frac{18}{54} = \frac{5}{15}$

② a) $\frac{65}{70} = \frac{78}{84}$ b) $\frac{25}{55} = \frac{35}{77}$ c) $\frac{20}{32} = \frac{15}{24}$ d) $\frac{20}{60} = \frac{6}{18}$

e) $\frac{36}{66} = \frac{30}{55}$ f) $\frac{8}{18} = \frac{20}{45}$ g) $\frac{4}{8} = \frac{5}{10}$ h) $\frac{48}{80} = \frac{15}{25}$

③ a) $\frac{46}{69} = \frac{8}{12}$ b) $\frac{6}{16} = \frac{15}{40}$ c) $\frac{12}{40} = \frac{21}{70}$ d) $\frac{45}{60} = \frac{6}{8}$

e) $\frac{35}{50} = \frac{42}{60}$ f) $\frac{39}{84} = \frac{26}{56}$ g) $\frac{27}{36} = \frac{12}{16}$ h) $\frac{62}{93} = \frac{8}{12}$

④ a) $\frac{52}{64} = \frac{65}{80}$ b) $\frac{24}{39} = \frac{16}{26}$ c) $\frac{9}{90} = \frac{7}{70}$ d) $\frac{55}{66} = \frac{25}{30}$

e) $\frac{11}{44} = \frac{3}{12}$ f) $\frac{39}{45} = \frac{52}{60}$ g) $\frac{4}{34} = \frac{10}{85}$ h) $\frac{60}{96} = \frac{35}{56}$

⑤ a) $\frac{68}{92} = \frac{51}{69}$ b) $\frac{51}{78} = \frac{34}{52}$ c) $\frac{36}{56} = \frac{45}{70}$ d) $\frac{92}{96} = \frac{69}{72}$

e) $\frac{18}{38} = \frac{27}{57}$ f) $\frac{34}{85} = \frac{14}{35}$ g) $\frac{58}{66} = \frac{87}{99}$ h) $\frac{4}{24} = \frac{3}{18}$