

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

① a) $\frac{27}{39} = \frac{\quad}{91}$ b) $\frac{11}{66} = \frac{5}{\quad}$ c) $\frac{90}{95} = \frac{\quad}{76}$ d) $\frac{22}{99} = \frac{14}{\quad}$

e) $\frac{33}{42} = \frac{\quad}{28}$ f) $\frac{20}{75} = \frac{16}{\quad}$ g) $\frac{6}{45} = \frac{\quad}{30}$ h) $\frac{51}{93} = \frac{34}{\quad}$

② a) $\frac{33}{48} = \frac{\quad}{64}$ b) $\frac{48}{78} = \frac{32}{\quad}$ c) $\frac{44}{84} = \frac{\quad}{63}$ d) $\frac{12}{87} = \frac{8}{\quad}$

e) $\frac{20}{30} = \frac{\quad}{21}$ f) $\frac{6}{42} = \frac{4}{\quad}$ g) $\frac{15}{24} = \frac{\quad}{40}$ h) $\frac{20}{34} = \frac{30}{\quad}$

③ a) $\frac{40}{48} = \frac{\quad}{18}$ b) $\frac{33}{44} = \frac{12}{\quad}$ c) $\frac{19}{38} = \frac{\quad}{12}$ d) $\frac{42}{44} = \frac{63}{\quad}$

e) $\frac{75}{95} = \frac{\quad}{76}$ f) $\frac{27}{51} = \frac{18}{\quad}$ g) $\frac{18}{20} = \frac{\quad}{70}$ h) $\frac{8}{26} = \frac{28}{\quad}$

④ a) $\frac{35}{80} = \frac{\quad}{96}$ b) $\frac{5}{15} = \frac{2}{\quad}$ c) $\frac{44}{76} = \frac{\quad}{57}$ d) $\frac{7}{70} = \frac{4}{\quad}$

e) $\frac{9}{75} = \frac{\quad}{50}$ f) $\frac{10}{55} = \frac{4}{\quad}$ g) $\frac{22}{46} = \frac{\quad}{69}$ h) $\frac{15}{55} = \frac{21}{\quad}$

⑤ a) $\frac{5}{70} = \frac{\quad}{98}$ b) $\frac{35}{75} = \frac{14}{\quad}$ c) $\frac{25}{30} = \frac{\quad}{18}$ d) $\frac{18}{26} = \frac{63}{\quad}$

e) $\frac{69}{72} = \frac{\quad}{96}$ f) $\frac{42}{91} = \frac{18}{\quad}$ g) $\frac{8}{12} = \frac{\quad}{18}$ h) $\frac{26}{32} = \frac{65}{\quad}$

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

① a) $\frac{27}{39} = \frac{63}{91}$ b) $\frac{11}{66} = \frac{5}{30}$ c) $\frac{90}{95} = \frac{72}{76}$ d) $\frac{22}{99} = \frac{14}{63}$

e) $\frac{33}{42} = \frac{22}{28}$ f) $\frac{20}{75} = \frac{16}{60}$ g) $\frac{6}{45} = \frac{4}{30}$ h) $\frac{51}{93} = \frac{34}{62}$

② a) $\frac{33}{48} = \frac{44}{64}$ b) $\frac{48}{78} = \frac{32}{52}$ c) $\frac{44}{84} = \frac{33}{63}$ d) $\frac{12}{87} = \frac{8}{58}$

e) $\frac{20}{30} = \frac{14}{21}$ f) $\frac{6}{42} = \frac{4}{28}$ g) $\frac{15}{24} = \frac{25}{40}$ h) $\frac{20}{34} = \frac{30}{51}$

③ a) $\frac{40}{48} = \frac{15}{18}$ b) $\frac{33}{44} = \frac{12}{16}$ c) $\frac{19}{38} = \frac{6}{12}$ d) $\frac{42}{44} = \frac{63}{66}$

e) $\frac{75}{95} = \frac{60}{76}$ f) $\frac{27}{51} = \frac{18}{34}$ g) $\frac{18}{20} = \frac{63}{70}$ h) $\frac{8}{26} = \frac{28}{91}$

④ a) $\frac{35}{80} = \frac{42}{96}$ b) $\frac{5}{15} = \frac{2}{6}$ c) $\frac{44}{76} = \frac{33}{57}$ d) $\frac{7}{70} = \frac{4}{40}$

e) $\frac{9}{75} = \frac{6}{50}$ f) $\frac{10}{55} = \frac{4}{22}$ g) $\frac{22}{46} = \frac{33}{69}$ h) $\frac{15}{55} = \frac{21}{77}$

⑤ a) $\frac{5}{70} = \frac{7}{98}$ b) $\frac{35}{75} = \frac{14}{30}$ c) $\frac{25}{30} = \frac{15}{18}$ d) $\frac{18}{26} = \frac{63}{91}$

e) $\frac{69}{72} = \frac{92}{96}$ f) $\frac{42}{91} = \frac{18}{39}$ g) $\frac{8}{12} = \frac{12}{18}$ h) $\frac{26}{32} = \frac{65}{80}$