

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

① a) $\frac{3}{6} = \frac{\quad}{4}$ b) $\frac{84}{98} = \frac{36}{\quad}$ c) $\frac{49}{70} = \frac{\quad}{20}$ d) $\frac{42}{98} = \frac{12}{\quad}$

e) $\frac{75}{90} = \frac{\quad}{12}$ f) $\frac{15}{39} = \frac{20}{\quad}$ g) $\frac{76}{95} = \frac{\quad}{30}$ h) $\frac{35}{77} = \frac{15}{\quad}$

② a) $\frac{40}{45} = \frac{\quad}{27}$ b) $\frac{24}{38} = \frac{60}{\quad}$ c) $\frac{2}{16} = \frac{\quad}{56}$ d) $\frac{28}{98} = \frac{6}{\quad}$

e) $\frac{32}{58} = \frac{\quad}{87}$ f) $\frac{20}{62} = \frac{30}{\quad}$ g) $\frac{27}{99} = \frac{\quad}{22}$ h) $\frac{4}{92} = \frac{3}{\quad}$

③ a) $\frac{15}{30} = \frac{\quad}{8}$ b) $\frac{15}{48} = \frac{10}{\quad}$ c) $\frac{12}{68} = \frac{\quad}{51}$ d) $\frac{48}{66} = \frac{32}{\quad}$

e) $\frac{17}{68} = \frac{\quad}{8}$ f) $\frac{18}{33} = \frac{12}{\quad}$ g) $\frac{25}{40} = \frac{\quad}{24}$ h) $\frac{14}{48} = \frac{21}{\quad}$

④ a) $\frac{21}{28} = \frac{\quad}{16}$ b) $\frac{16}{84} = \frac{12}{\quad}$ c) $\frac{6}{78} = \frac{\quad}{91}$ d) $\frac{68}{72} = \frac{51}{\quad}$

e) $\frac{8}{24} = \frac{\quad}{9}$ f) $\frac{56}{72} = \frac{42}{\quad}$ g) $\frac{23}{92} = \frac{\quad}{20}$ h) $\frac{12}{63} = \frac{8}{\quad}$

⑤ a) $\frac{7}{84} = \frac{\quad}{36}$ b) $\frac{16}{32} = \frac{6}{\quad}$ c) $\frac{28}{63} = \frac{\quad}{36}$ d) $\frac{8}{28} = \frac{6}{\quad}$

e) $\frac{10}{15} = \frac{\quad}{9}$ f) $\frac{16}{52} = \frac{12}{\quad}$ g) $\frac{38}{44} = \frac{\quad}{66}$ h) $\frac{12}{69} = \frac{16}{\quad}$

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

① a) $\frac{3}{6} = \frac{2}{4}$ b) $\frac{84}{98} = \frac{36}{42}$ c) $\frac{49}{70} = \frac{14}{20}$ d) $\frac{42}{98} = \frac{12}{28}$

e) $\frac{75}{90} = \frac{10}{12}$ f) $\frac{15}{39} = \frac{20}{52}$ g) $\frac{76}{95} = \frac{24}{30}$ h) $\frac{35}{77} = \frac{15}{33}$

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e) $\frac{17}{68} = \frac{2}{8}$ f) $\frac{18}{33} = \frac{12}{22}$ g) $\frac{25}{40} = \frac{15}{24}$ h) $\frac{14}{48} = \frac{21}{72}$

④ a) $\frac{21}{28} = \frac{12}{16}$ b) $\frac{16}{84} = \frac{12}{63}$ c) $\frac{6}{78} = \frac{7}{91}$ d) $\frac{68}{72} = \frac{51}{54}$

e) $\frac{8}{24} = \frac{3}{9}$ f) $\frac{56}{72} = \frac{42}{54}$ g) $\frac{23}{92} = \frac{5}{20}$ h) $\frac{12}{63} = \frac{8}{42}$

⑤ a) $\frac{7}{84} = \frac{3}{36}$ b) $\frac{16}{32} = \frac{6}{12}$ c) $\frac{28}{63} = \frac{16}{36}$ d) $\frac{8}{28} = \frac{6}{21}$

e) $\frac{10}{15} = \frac{6}{9}$ f) $\frac{16}{52} = \frac{12}{39}$ g) $\frac{38}{44} = \frac{57}{66}$ h) $\frac{12}{69} = \frac{16}{92}$