

Ergänze die fehlenden Zähler und Nenner:

① a) $\frac{57}{99} = \frac{\quad}{33}$ b) $\frac{18}{48} = \frac{3}{\quad}$ c) $\frac{64}{76} = \frac{\quad}{19}$ d) $\frac{2}{22} = \frac{1}{\quad}$

e) $\frac{58}{74} = \frac{\quad}{37}$ f) $\frac{69}{87} = \frac{23}{\quad}$ g) $\frac{18}{69} = \frac{\quad}{23}$ h) $\frac{87}{96} = \frac{29}{\quad}$

② a) $\frac{4}{20} = \frac{\quad}{5}$ b) $\frac{77}{99} = \frac{7}{\quad}$ c) $\frac{9}{18} = \frac{\quad}{2}$ d) $\frac{82}{84} = \frac{41}{\quad}$

e) $\frac{78}{80} = \frac{\quad}{40}$ f) $\frac{76}{84} = \frac{19}{\quad}$ g) $\frac{6}{16} = \frac{\quad}{8}$ h) $\frac{8}{80} = \frac{1}{\quad}$

③ a) $\frac{16}{44} = \frac{\quad}{11}$ b) $\frac{70}{86} = \frac{35}{\quad}$ c) $\frac{28}{52} = \frac{\quad}{13}$ d) $\frac{12}{14} = \frac{6}{\quad}$

e) $\frac{40}{42} = \frac{\quad}{21}$ f) $\frac{24}{32} = \frac{3}{\quad}$ g) $\frac{18}{60} = \frac{\quad}{10}$ h) $\frac{58}{84} = \frac{29}{\quad}$

④ a) $\frac{48}{63} = \frac{\quad}{21}$ b) $\frac{48}{92} = \frac{12}{\quad}$ c) $\frac{4}{12} = \frac{\quad}{3}$ d) $\frac{88}{92} = \frac{22}{\quad}$

e) $\frac{57}{66} = \frac{\quad}{22}$ f) $\frac{13}{31} = \frac{26}{\quad}$ g) $\frac{20}{44} = \frac{\quad}{11}$ h) $\frac{3}{13} = \frac{15}{\quad}$

⑤ a) $\frac{2}{60} = \frac{\quad}{30}$ b) $\frac{52}{98} = \frac{26}{\quad}$ c) $\frac{12}{20} = \frac{\quad}{5}$ d) $\frac{42}{88} = \frac{21}{\quad}$

e) $\frac{10}{13} = \frac{\quad}{39}$ f) $\frac{22}{52} = \frac{11}{\quad}$ g) $\frac{24}{64} = \frac{\quad}{8}$ h) $\frac{10}{32} = \frac{5}{\quad}$

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e) $\frac{78}{80} = \frac{39}{40}$ f) $\frac{76}{84} = \frac{19}{21}$ g) $\frac{6}{16} = \frac{3}{8}$ h) $\frac{8}{80} = \frac{1}{10}$

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e) $\frac{40}{42} = \frac{20}{21}$ f) $\frac{24}{32} = \frac{3}{4}$ g) $\frac{18}{60} = \frac{3}{10}$ h) $\frac{58}{84} = \frac{29}{42}$

④ a) $\frac{48}{63} = \frac{16}{21}$ b) $\frac{48}{92} = \frac{12}{23}$ c) $\frac{4}{12} = \frac{1}{3}$ d) $\frac{88}{92} = \frac{22}{23}$

e) $\frac{57}{66} = \frac{19}{22}$ f) $\frac{13}{31} = \frac{26}{62}$ g) $\frac{20}{44} = \frac{5}{11}$ h) $\frac{3}{13} = \frac{15}{65}$

⑤ a) $\frac{2}{60} = \frac{1}{30}$ b) $\frac{52}{98} = \frac{26}{49}$ c) $\frac{12}{20} = \frac{3}{5}$ d) $\frac{42}{88} = \frac{21}{44}$

e) $\frac{10}{13} = \frac{30}{39}$ f) $\frac{22}{52} = \frac{11}{26}$ g) $\frac{24}{64} = \frac{3}{8}$ h) $\frac{10}{32} = \frac{5}{16}$