

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

① a)  $\frac{3}{24} = \frac{\quad}{32}$       b)  $\frac{80}{96} = \frac{35}{\quad}$       c)  $\frac{55}{60} = \frac{\quad}{72}$       d)  $\frac{8}{48} = \frac{7}{\quad}$

e)  $\frac{72}{81} = \frac{\quad}{63}$       f)  $\frac{33}{88} = \frac{18}{\quad}$       g)  $\frac{64}{72} = \frac{\quad}{63}$       h)  $\frac{16}{40} = \frac{6}{\quad}$

② a)  $\frac{31}{93} = \frac{\quad}{15}$       b)  $\frac{16}{96} = \frac{5}{\quad}$       c)  $\frac{4}{14} = \frac{\quad}{21}$       d)  $\frac{49}{56} = \frac{21}{\quad}$

e)  $\frac{36}{60} = \frac{\quad}{25}$       f)  $\frac{15}{80} = \frac{18}{\quad}$       g)  $\frac{15}{40} = \frac{\quad}{32}$       h)  $\frac{56}{70} = \frac{12}{\quad}$

③ a)  $\frac{28}{44} = \frac{\quad}{33}$       b)  $\frac{66}{99} = \frac{10}{\quad}$       c)  $\frac{75}{85} = \frac{\quad}{51}$       d)  $\frac{45}{72} = \frac{25}{\quad}$

e)  $\frac{39}{72} = \frac{\quad}{48}$       f)  $\frac{12}{20} = \frac{9}{\quad}$       g)  $\frac{15}{21} = \frac{\quad}{49}$       h)  $\frac{27}{33} = \frac{45}{\quad}$

④ a)  $\frac{30}{54} = \frac{\quad}{36}$       b)  $\frac{27}{81} = \frac{6}{\quad}$       c)  $\frac{4}{76} = \frac{\quad}{95}$       d)  $\frac{10}{18} = \frac{35}{\quad}$

e)  $\frac{84}{96} = \frac{\quad}{40}$       f)  $\frac{87}{93} = \frac{58}{\quad}$       g)  $\frac{8}{56} = \frac{\quad}{49}$       h)  $\frac{36}{69} = \frac{24}{\quad}$

⑤ a)  $\frac{55}{70} = \frac{\quad}{28}$       b)  $\frac{58}{60} = \frac{87}{\quad}$       c)  $\frac{51}{85} = \frac{\quad}{25}$       d)  $\frac{28}{46} = \frac{42}{\quad}$

e)  $\frac{6}{81} = \frac{\quad}{54}$       f)  $\frac{36}{44} = \frac{45}{\quad}$       g)  $\frac{38}{64} = \frac{\quad}{96}$       h)  $\frac{12}{99} = \frac{8}{\quad}$

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

① a)  $\frac{3}{24} = \frac{4}{32}$       b)  $\frac{80}{96} = \frac{35}{42}$       c)  $\frac{55}{60} = \frac{66}{72}$       d)  $\frac{8}{48} = \frac{7}{42}$

e)  $\frac{72}{81} = \frac{56}{63}$       f)  $\frac{33}{88} = \frac{18}{48}$       g)  $\frac{64}{72} = \frac{56}{63}$       h)  $\frac{16}{40} = \frac{6}{15}$

② a)  $\frac{31}{93} = \frac{5}{15}$       b)  $\frac{16}{96} = \frac{5}{30}$       c)  $\frac{4}{14} = \frac{6}{21}$       d)  $\frac{49}{56} = \frac{21}{24}$

e)  $\frac{36}{60} = \frac{15}{25}$       f)  $\frac{15}{80} = \frac{18}{96}$       g)  $\frac{15}{40} = \frac{12}{32}$       h)  $\frac{56}{70} = \frac{12}{15}$

③ a)  $\frac{28}{44} = \frac{21}{33}$       b)  $\frac{66}{99} = \frac{10}{15}$       c)  $\frac{75}{85} = \frac{45}{51}$       d)  $\frac{45}{72} = \frac{25}{40}$

e)  $\frac{39}{72} = \frac{26}{48}$       f)  $\frac{12}{20} = \frac{9}{15}$       g)  $\frac{15}{21} = \frac{35}{49}$       h)  $\frac{27}{33} = \frac{45}{55}$

④ a)  $\frac{30}{54} = \frac{20}{36}$       b)  $\frac{27}{81} = \frac{6}{18}$       c)  $\frac{4}{76} = \frac{5}{95}$       d)  $\frac{10}{18} = \frac{35}{63}$

e)  $\frac{84}{96} = \frac{35}{40}$       f)  $\frac{87}{93} = \frac{58}{62}$       g)  $\frac{8}{56} = \frac{7}{49}$       h)  $\frac{36}{69} = \frac{24}{46}$

⑤ a)  $\frac{55}{70} = \frac{22}{28}$       b)  $\frac{58}{60} = \frac{87}{90}$       c)  $\frac{51}{85} = \frac{15}{25}$       d)  $\frac{28}{46} = \frac{42}{69}$

e)  $\frac{6}{81} = \frac{4}{54}$       f)  $\frac{36}{44} = \frac{45}{55}$       g)  $\frac{38}{64} = \frac{57}{96}$       h)  $\frac{12}{99} = \frac{8}{66}$