

# Brüche erweitern und kürzen

Erweitere die Brüche mit der angegebenen Zahl

$$\frac{2}{3}^2 = \frac{4}{6}$$

$$\frac{2}{15}^{12} = \frac{24}{180}$$

$$\frac{3}{4}^3 = \frac{9}{12}$$

$$\frac{6}{7}^{11} = \frac{66}{77}$$

$$\frac{1}{6}^4 = \frac{4}{24}$$

$$\frac{9}{12}^{10} = \frac{90}{120}$$

$$\frac{3}{4}^5 = \frac{15}{20}$$

$$\frac{4}{5}^9 = \frac{36}{45}$$

$$\frac{2}{7}^3 = \frac{6}{21}$$

$$\frac{4}{8}^8 = \frac{32}{64}$$

$$\frac{3}{2}^3 = \frac{9}{6}$$

$$\frac{3}{5}^{12} = \frac{36}{60}$$

$$\frac{5}{7}^5 = \frac{25}{35}$$

$$\frac{2}{7}^{11} = \frac{22}{77}$$

$$\frac{3}{8}^4 = \frac{12}{32}$$

$$\frac{3}{11}^{10} = \frac{30}{110}$$

$$\frac{5}{8}^2 = \frac{10}{16}$$

$$\frac{4}{7}^9 = \frac{36}{63}$$

$$\frac{2}{9}^5 = \frac{10}{45}$$

$$\frac{1}{12}^8 = \frac{8}{96}$$

$$\frac{1}{3}^6 = \frac{6}{18}$$

$$\frac{9}{10}^{12} = \frac{108}{120}$$

$$\frac{3}{4}^8 = \frac{24}{32}$$

$$\frac{6}{7}^{11} = \frac{66}{77}$$

$$\frac{4}{12}^7 = \frac{28}{84}$$

$$\frac{4}{13}^{10} = \frac{40}{130}$$

$$\frac{2}{3}^8 = \frac{16}{24}$$

$$\frac{8}{9}^9 = \frac{72}{81}$$

Name: \_\_\_\_\_

Kürze die Brüche soweit als möglich, schreibe die Zahl durch die du gekürzt hast an.

$$\frac{4}{6}^{\boxed{2}} = \frac{2}{3}$$

$$\frac{14}{20}^{\boxed{2}} = \frac{7}{10}$$

$$\frac{8}{12}^{\boxed{4}} = \frac{2}{3}$$

$$\frac{16}{20}^{\boxed{4}} = \frac{4}{5}$$

$$\frac{9}{12}^{\boxed{3}} = \frac{3}{4}$$

$$\frac{18}{22}^{\boxed{2}} = \frac{9}{11}$$

$$\frac{3}{15}^{\boxed{3}} = \frac{1}{5}$$

$$\frac{10}{20}^{\boxed{10}} = \frac{1}{2}$$

$$\frac{5}{15}^{\boxed{5}} = \frac{1}{3}$$

$$\frac{15}{25}^{\boxed{5}} = \frac{3}{5}$$

$$\frac{4}{16}^{\boxed{4}} = \frac{1}{4}$$

$$\frac{30}{60}^{\boxed{30}} = \frac{1}{2}$$

$$\frac{6}{14}^{\boxed{2}} = \frac{3}{7}$$

$$\frac{40}{60}^{\boxed{20}} = \frac{2}{3}$$

$$\frac{6}{15}^{\boxed{3}} = \frac{2}{5}$$

$$\frac{27}{36}^{\boxed{9}} = \frac{3}{4}$$

$$\frac{8}{36}^{\boxed{4}} = \frac{2}{9}$$

$$\frac{56}{64}^{\boxed{8}} = \frac{7}{8}$$

$$\frac{10}{12}^{\boxed{2}} = \frac{5}{6}$$

$$\frac{34}{36}^{\boxed{2}} = \frac{17}{18}$$

$$\frac{24}{36}^{\boxed{12}} = \frac{2}{3}$$

$$\frac{35}{70}^{\boxed{35}} = \frac{1}{2}$$

$$\frac{9}{18}^{\boxed{9}} = \frac{1}{2}$$

$$\frac{17}{19}^{\boxed{1}} = \frac{17}{19}$$

$$\frac{24}{48}^{\boxed{24}} = \frac{1}{2}$$

$$\frac{42}{49}^{\boxed{7}} = \frac{6}{7}$$

$$\frac{22}{88}^{\boxed{22}} = \frac{1}{4}$$

$$\frac{110}{200}^{\boxed{10}} = \frac{11}{20}$$

