

Brüche vergleichen

Aufgaben

Setze ein: < ; > oder =	Gem. Nenner	Gleichnamige Brüche
1) $\frac{2}{5} \square \frac{4}{5}$		— —
2) $\frac{2}{3} \square \frac{4}{6}$		— —
3) $\frac{1}{4} \square \frac{5}{6}$		— —
4) $\frac{5}{6} \square \frac{3}{5}$		— —
5) $\frac{2}{3} \square \frac{3}{7}$		— —
6) $\frac{1}{3} \square \frac{4}{6}$		— —
7) $\frac{5}{7} \square \frac{4}{8}$		— —
8) $\frac{2}{4} \square \frac{3}{5}$		— —
9) $\frac{2}{4} \square \frac{8}{11}$		— —
10) $\frac{4}{5} \square \frac{2}{8}$		— —

Sortiere von klein nach groß:

$\frac{5}{12}$; $\frac{2}{6}$; $\frac{1}{2}$; $\frac{3}{4}$; $\frac{2}{3}$

Gemeinsamer Nenner:

 <  <  <  < 

Lösung

Setze ein: < ; > oder =	Gem. Nenner	Gleichnamige Brüche
1) $\frac{2}{5} \boxed{<} \frac{4}{5}$	5	$\frac{2}{5} \boxed{<} \frac{4}{5}$
2) $\frac{2}{3} \boxed{=} \frac{4}{6}$	3	$\frac{2}{3} \boxed{=} \frac{2}{3}$
3) $\frac{1}{4} \boxed{<} \frac{5}{6}$	12	$\frac{3}{12} \boxed{<} \frac{10}{12}$
4) $\frac{5}{6} \boxed{>} \frac{3}{5}$	30	$\frac{25}{30} \boxed{>} \frac{18}{30}$
5) $\frac{2}{3} \boxed{>} \frac{3}{7}$	21	$\frac{14}{21} \boxed{>} \frac{9}{21}$
6) $\frac{1}{3} \boxed{<} \frac{4}{6}$	6	$\frac{2}{6} \boxed{<} \frac{4}{6}$
7) $\frac{5}{7} \boxed{>} \frac{4}{8}$	56	$\frac{40}{56} \boxed{>} \frac{28}{56}$
8) $\frac{2}{4} \boxed{<} \frac{3}{5}$	20	$\frac{10}{20} \boxed{<} \frac{12}{20}$
9) $\frac{2}{4} \boxed{<} \frac{8}{11}$	44	$\frac{22}{44} \boxed{<} \frac{32}{44}$
10) $\frac{4}{5} \boxed{>} \frac{2}{8}$	40	$\frac{32}{40} \boxed{>} \frac{10}{40}$

Sortiere von klein nach groß:

$\frac{5}{12}$; $\frac{2}{6}$; $\frac{1}{2}$; $\frac{3}{4}$; $\frac{2}{3}$

Gemeinsamer Nenner: 12

$\frac{4}{12}$ $\frac{5}{12}$ $\frac{6}{12}$ $\frac{8}{12}$ $\frac{9}{12}$
 $\frac{2}{6} < \frac{5}{12} < \frac{1}{2} < \frac{2}{3} < \frac{3}{4}$