Arbeitsblatt

28.07.2013

Kostenlos auf dw-aufgaben.de

Aufgaben-Quickname: 6920

Aufgabe 1

Setze $<$, $>$ oder $=$ ein.

a) $\frac{1}{5} < \frac{2}{9}$, da $\frac{9}{45} < \frac{10}{45}$
b) $\frac{15}{38} < \frac{11}{19}$, da $\frac{15}{38} < \frac{22}{38}$
c) $\frac{19}{28} > \frac{1}{7}$, da $\frac{19}{28} > \frac{4}{28}$

d) $\frac{2}{3} < \frac{26}{27}$, da $\frac{18}{27} < \frac{26}{27}$
e) $\frac{11}{27} < \frac{11}{18}$, da $\frac{22}{54} < \frac{33}{54}$
f) $\frac{1}{3} < \frac{15}{29}$, da $\frac{29}{87} < \frac{45}{87}$

g) $\frac{11}{26} < \frac{3}{4}$, da $\frac{22}{52} < \frac{39}{52}$
h) $\frac{5}{7} < \frac{17}{21}$, da $\frac{15}{21} < \frac{17}{21}$
i) $\frac{17}{25} > \frac{2}{15}$, da $\frac{51}{75} > \frac{10}{75}$

j) $\frac{5}{12} > \frac{1}{42}$, da $\frac{35}{84} > \frac{2}{84}$

Aufgabe 2

Setze $<$, $>$ oder $=$ ein.

a) $\frac{2}{17} = \frac{4}{34}$, da $\frac{2}{17} = \frac{2}{17}$
b) $\frac{1}{40} < \frac{34}{40}$, da $\frac{1}{40} < \frac{34}{40}$
c) $\frac{8}{35} < \frac{22}{35}$, da $\frac{8}{35} < \frac{22}{35}$

d) $\frac{31}{39} > \frac{25}{39}$, da $\frac{31}{39} > \frac{25}{39}$
e) $\frac{7}{26} < \frac{11}{26}$, da $\frac{7}{26} < \frac{11}{26}$
f) $\frac{17}{27} < \frac{19}{27}$, da $\frac{17}{27} < \frac{19}{27}$

g) $\frac{19}{27} > \frac{18}{27}$, da $\frac{19}{27} > \frac{18}{27}$
h) $\frac{11}{35} > \frac{9}{35}$, da $\frac{11}{35} > \frac{9}{35}$
i) $\frac{9}{29} > \frac{4}{29}$, da $\frac{9}{29} > \frac{4}{29}$

j) $\frac{10}{19} < \frac{11}{19}$, da $\frac{10}{19} < \frac{11}{19}$

Aufgabe 3

Setze $<$, $>$ oder $=$ ein.

a) $\frac{5}{12} > \frac{1}{18}$, da $\frac{15}{36} > \frac{2}{36}$
b) $\frac{1}{9} < \frac{4}{15}$, da $\frac{5}{45} < \frac{12}{45}$
c) $\frac{1}{4} = \frac{5}{20}$, da $\frac{1}{4} = \frac{1}{4}$

d) $\frac{5}{14} < \frac{1}{2}$, da $\frac{5}{14} < \frac{7}{14}$
e) $\frac{2}{3} = \frac{28}{42}$, da $\frac{2}{3} = \frac{2}{3}$
f) $\frac{1}{4} < \frac{7}{12}$, da $\frac{3}{12} < \frac{7}{12}$

g) $\frac{19}{24} = \frac{38}{48}$, da $\frac{19}{24} = \frac{19}{24}$
h) $\frac{2}{3} < \frac{7}{9}$, da $\frac{6}{9} < \frac{7}{9}$
i) $\frac{1}{2} > \frac{3}{11}$, da $\frac{11}{22} > \frac{6}{22}$

j) $\frac{1}{9} < \frac{2}{5}$, da $\frac{5}{45} < \frac{18}{45}$

Aufgabe 4

Setze $<$, $>$ oder $=$ ein.

a) $\frac{5}{6} < \frac{10}{11}$, da $\frac{55}{66} < \frac{60}{66}$
b) $\frac{8}{11} > \frac{2}{33}$, da $\frac{24}{33} > \frac{2}{33}$
c) $\frac{3}{4} = \frac{21}{28}$, da $\frac{3}{4} = \frac{3}{4}$

d) $\frac{17}{20} > \frac{2}{5}$, da $\frac{17}{20} > \frac{8}{20}$

e) $\frac{15}{28} > \frac{11}{21}$, da $\frac{45}{84} > \frac{44}{84}$

f) $\frac{3}{4} < \frac{27}{28}$, da $\frac{21}{28} < \frac{27}{28}$

g) $\frac{1}{22} < \frac{9}{11}$, da $\frac{1}{22} < \frac{18}{22}$

h) $\frac{1}{7} < \frac{13}{21}$, da $\frac{3}{21} < \frac{13}{21}$

i) $\frac{2}{13} < \frac{2}{5}$, da $\frac{10}{65} < \frac{26}{65}$

j) $\frac{5}{9} < \frac{7}{8}$, da $\frac{40}{72} < \frac{63}{72}$

Viel Erfolg!