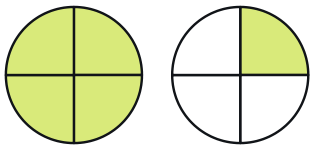
Imena u paru _____ Datum _____

Uspoređivanje razlomaka

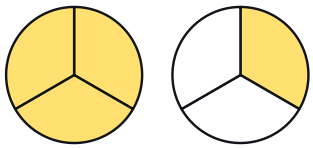
DIO 1 Usporedi diskovima

1 Složite oba razlomka diskovima. Upišite <, > ili =.

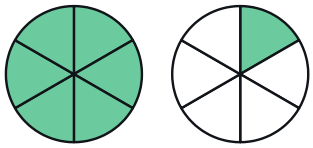
1.



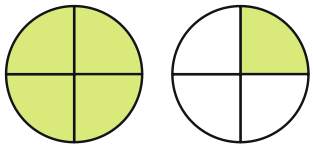
$\frac{5}{4}$ ○ $\frac{4}{3}$



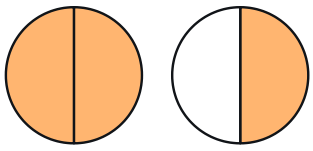
2.



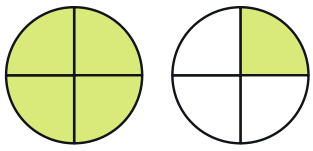
$\frac{7}{6}$ ○ $\frac{5}{4}$



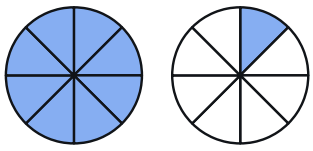
3.



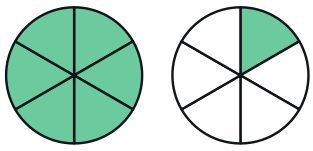
$\frac{3}{2}$ ○ $\frac{5}{4}$



4.



$\frac{9}{8}$ ○ $\frac{7}{6}$



2 Kod svih parova cijeli dio je isti. Što onda odlučuje koji je broj veći?

Imena u paru _____ Datum _____

DIO 2

Usporedi bez diskova

Zapamti

Kad nazivnici nisu srodni, proširi oba razlomka na **zajednički nazivnik** (npr. umnožak nazivnika):

$\frac{5}{4} \; ? \; \frac{4}{3} \rightarrow \frac{15}{12} < \frac{16}{12} \rightarrow \frac{5}{4} < \frac{4}{3}$

3 **U paru: dokaži!** Jedan učenik uspoređuje diskovima, drugi zajedničkim nazivnikom. Slažu li se vaši odgovori? Zamijenite uloge u svakom redu.

a) $\frac{3}{2} \bigcirc \frac{4}{3} \rightarrow \frac{\square}{6} \bigcirc \frac{\square}{6}$

b) $\frac{7}{4} \bigcirc \frac{5}{3} \rightarrow \frac{\square}{12} \bigcirc \frac{\square}{12}$

c) $1\frac{2}{3} \bigcirc \frac{7}{4} \rightarrow \frac{\square}{12} \bigcirc \frac{\square}{12}$

d) $\frac{11}{5} \bigcirc \frac{9}{4} \rightarrow \frac{\square}{20} \bigcirc \frac{\square}{20}$

e) $2\frac{1}{6} \bigcirc \frac{13}{6} \rightarrow \frac{\square}{6} \bigcirc \frac{\square}{6}$

f) $\frac{5}{2} \bigcirc \frac{12}{5} \rightarrow \frac{\square}{10} \bigcirc \frac{\square}{10}$

4 Ivan kaže: „$1\frac{2}{3}$ i $1\frac{3}{4}$ su jednaki jer oba imaju 1 cijelo.” Je li u pravu? Objasni.

_____

_____