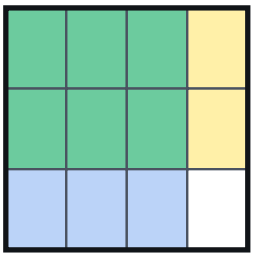
Ime i prezime _____ Datum _____

Množenje razlomaka

Primjer



Plavo su obojani stupci: $\frac{3}{4}$. Žuto su obojani retci: $\frac{2}{3}$.

Dvaput obojano (zeleno) je $\frac{2}{3}$ od $\frac{3}{4}$: 6 od 12 dijelova.

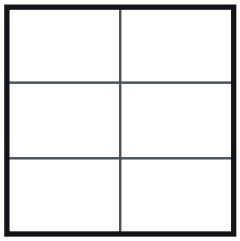
$$\frac{2}{3} \cdot \frac{3}{4} = \frac{2 \cdot 3}{3 \cdot 4} = \frac{6}{12} = \frac{1}{2}$$

Zapamti

Brojnik puta brojnik, nazivnik puta nazivnik. Na crtežu: broj dvaput obojanih dijelova od broja svih dijelova.

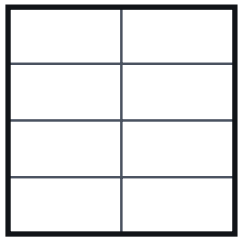
1 SAMOSTALNO Oboji stupce plavo, a retke žuto. Prebroji dvaput obojane dijelove i zapiši umnožak.

a)



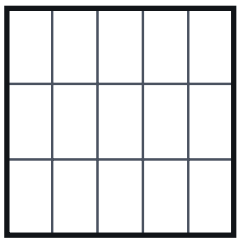
$$\frac{1}{3} \cdot \frac{1}{2} = \frac{\square}{\square}$$

b)



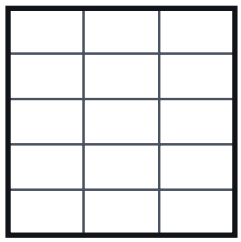
$$\frac{3}{4} \cdot \frac{1}{2} = \frac{\square}{\square}$$

c)



$$\frac{2}{3} \cdot \frac{2}{5} = \frac{\square}{\square}$$

d)



$$\frac{3}{5} \cdot \frac{2}{3} = \frac{\square}{\square}$$

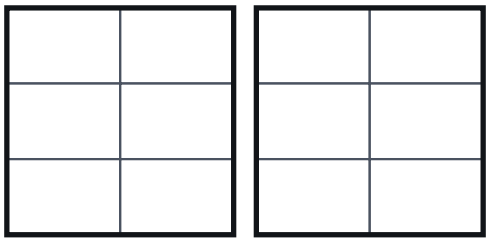
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Pravokutnike možeš podijeliti na stupce i retke i provjeriti crtež.

Imena u paru _____ Datum _____

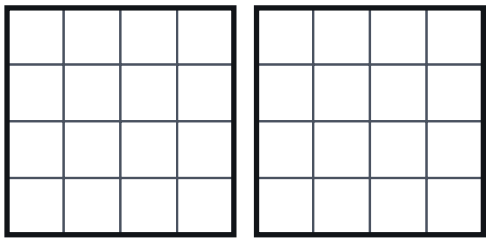
2 SAMOSTALNO **Više od jedne cjeline.** Svaki kvadrat je jedna cjelina. Oboji stupce plavo, retke žuto i zapiši umnožak.

a)



$\frac{1}{3} \cdot \frac{3}{2} = \frac{\square}{\square}$

b)



$\frac{3}{4} \cdot \frac{5}{4} = \frac{\square}{\square}$

3 U PARU **Skrati pa pomnoži.** Jedan učenik skraćuje, drugi množi i provjerava je li rezultat u najjednostavnijem obliku. Zamijenite uloge u svakom redu.

$\frac{2}{3} \cdot \frac{9}{10} = \frac{\square}{\square} = \frac{\square}{\square}$

$\frac{3}{4} \cdot \frac{8}{9} = \frac{\square}{\square} = \frac{\square}{\square}$

$\frac{5}{6} \cdot \frac{3}{10} = \frac{\square}{\square} = \frac{\square}{\square}$

$\frac{4}{5} \cdot \frac{15}{8} = \frac{\square}{\square} = \frac{\square}{\square}$

$\frac{7}{8} \cdot \frac{4}{21} = \frac{\square}{\square} = \frac{\square}{\square}$

$\frac{9}{10} \cdot \frac{5}{6} = \frac{\square}{\square} = \frac{\square}{\square}$

★ SAMOSTALNO **Izlazna kartica.** $\frac{3}{4} \cdot \frac{2}{9} = \frac{\square}{\square}$