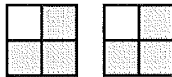


Multiplicera bråk

Multiplicera ett bråk med ett heltal

Exempel:

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



Beräkna. Svara i blandad form. Förkorta om det går.

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



2 a) $4 \cdot \frac{2}{3} = 2 \frac{2}{3}$

b) $5 \cdot \frac{3}{4} = 3 \frac{3}{4}$

3 a) $6 \cdot \frac{2}{5} = 2 \frac{2}{5}$

b) $3 \cdot \frac{4}{5} = 2 \frac{2}{5}$

4 a) $8 \cdot \frac{2}{3} = 5 \frac{1}{3}$

b) $4 \cdot \frac{9}{10} = 3 \frac{3}{5}$

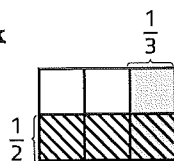
5 a) $5 \cdot \frac{7}{8} = 4 \frac{3}{8}$

b) $10 \cdot \frac{5}{6} = 8 \frac{1}{3}$

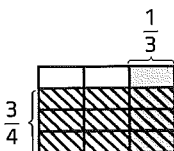
Multiplicera två bråk

Exempel:

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

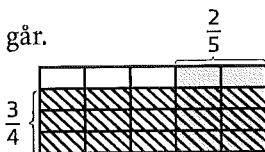


$$\frac{3}{4} \cdot \frac{1}{3} = \frac{3 \cdot 1}{4 \cdot 3} = \frac{3}{12} = \frac{1}{4}$$



Beräkna. Förkorta om det går.

6 $\frac{3}{4} \cdot \frac{2}{5} = \frac{3}{10}$



7 a) $\frac{1}{2} \cdot \frac{1}{3} = \frac{1}{6}$

b) $\frac{1}{2} \cdot \frac{1}{5} = \frac{1}{10}$

8 a) $\frac{1}{2} \cdot \frac{3}{5} = \frac{3}{10}$

b) $\frac{1}{3} \cdot \frac{5}{6} = \frac{5}{18}$

9 a) $\frac{2}{3} \cdot \frac{3}{4} = \frac{1}{2}$

b) $\frac{2}{3} \cdot \frac{5}{8} = \frac{5}{12}$

10 a) $\frac{3}{5} \cdot \frac{2}{3} = \frac{2}{5}$

b) $\frac{5}{6} \cdot \frac{4}{5} = \frac{2}{3}$