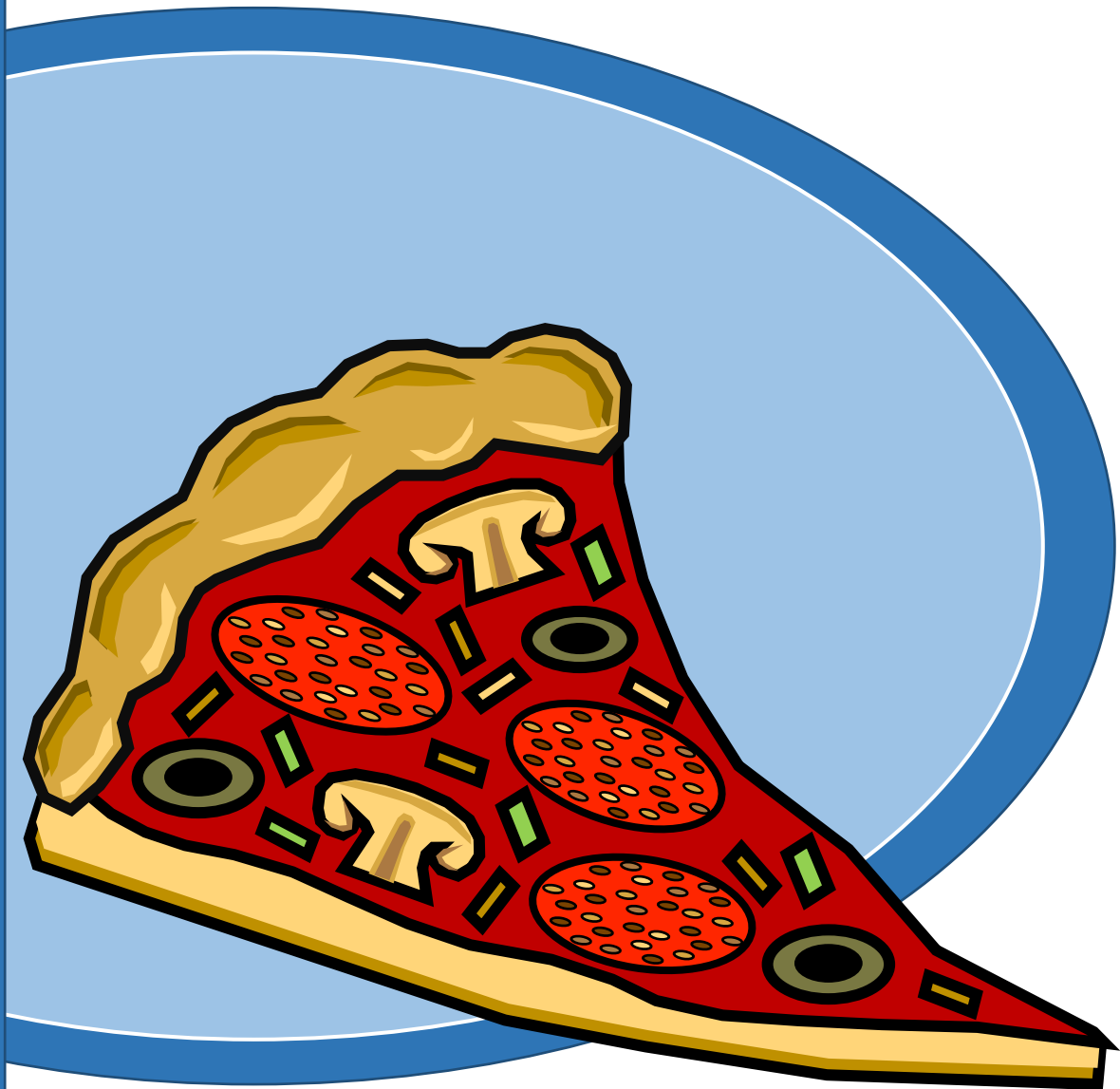


PIZZAREGNING

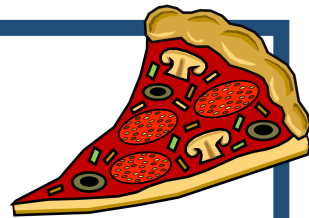
Brøkregning Niveau 2

Forlænge og Forkorte

- Forlæng brøk
- Forkort brøk



PIZZAREGNING



Top

Nederdel

Tæller

Nævner



Forlænge

- *Samme brøkdæl*



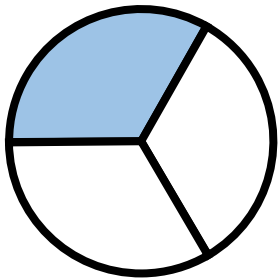
Forkorte

- *Samme brøkdæl*

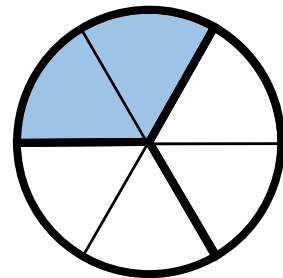
PIZZAREGNING



Forlænge brøker



=

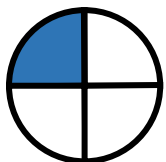


$$\frac{1}{3} =$$

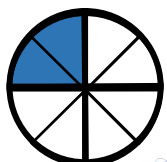
$$\frac{1 \cdot 2}{3 \cdot 2} =$$

$$\frac{2}{6}$$

Forlæng med 2

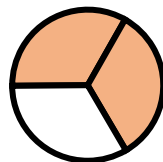


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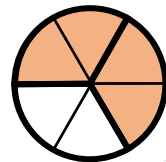


$$\frac{1}{4} = \frac{1 \cdot 2}{4 \cdot 2} = \frac{2}{8}$$

Forlæng med 2

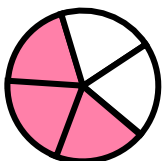


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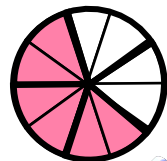


$$\frac{2}{3} = \frac{2 \cdot 2}{3 \cdot 2} = \frac{4}{6}$$

Forlæng med 2



=



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

Forlæng med 3

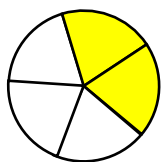


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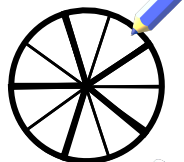


$$\frac{1}{3} = \frac{1 \cdot 3}{3 \cdot 3} = \frac{3}{9}$$

Forlæng med 2

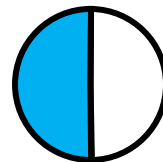


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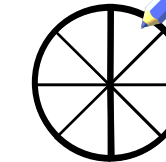


$$\frac{2}{5} = \frac{2 \cdot 2}{5 \cdot 2} = \underline{\quad}$$

Forlæng med 4



=

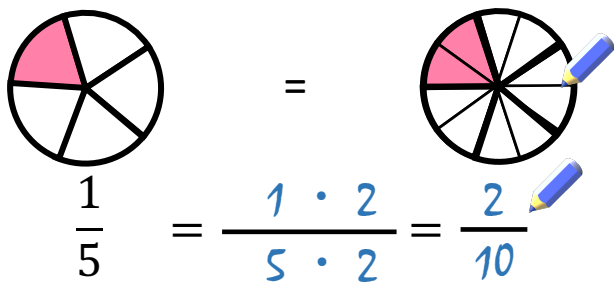


$$\frac{1}{2} = \frac{\cdot 4}{\cdot 4} = \underline{\quad}$$

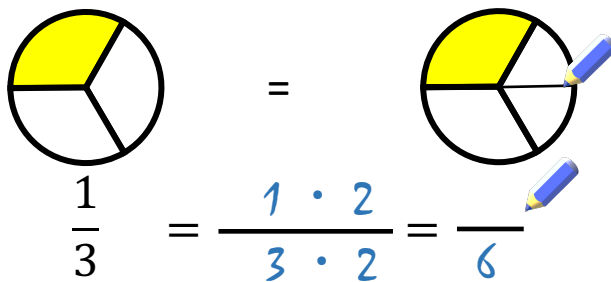
PIZZAREGNING



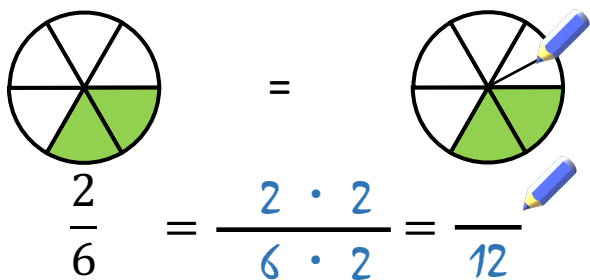
Forlæng med 2



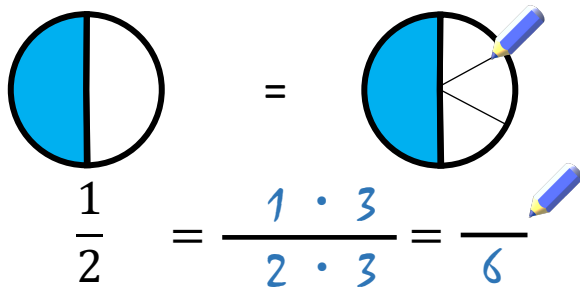
Forlæng med 2



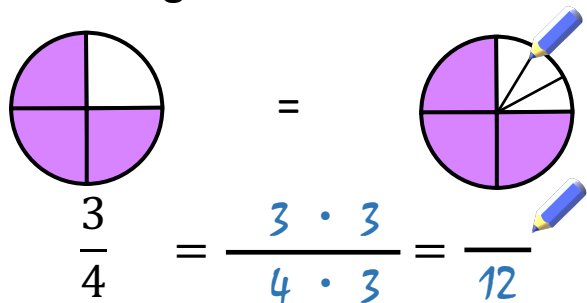
Forlæng med 2



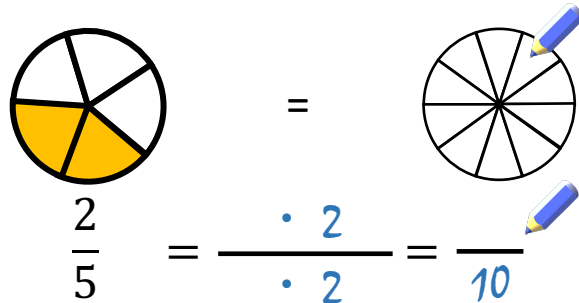
Forlæng med 3



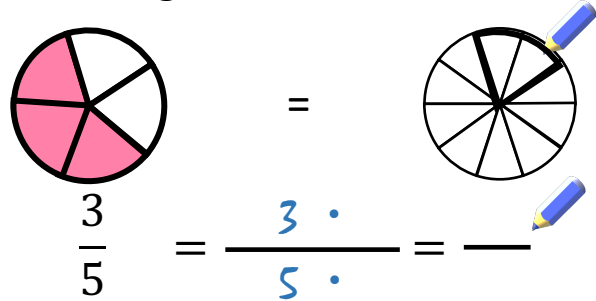
Forlæng med 3



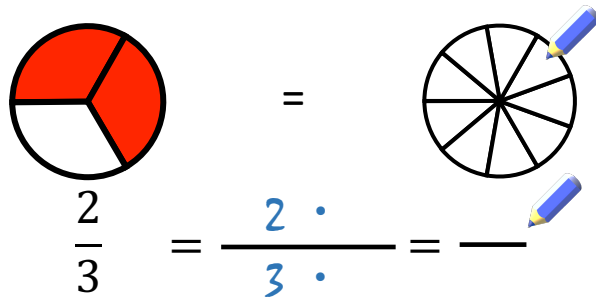
Forlæng med 2



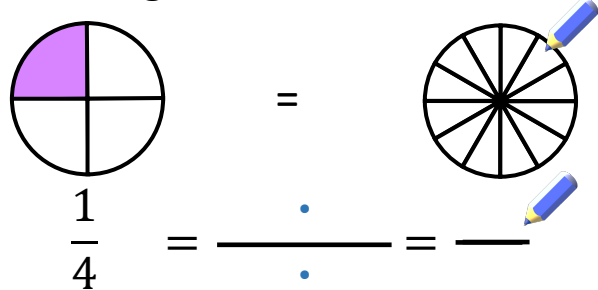
Forlæng med 2



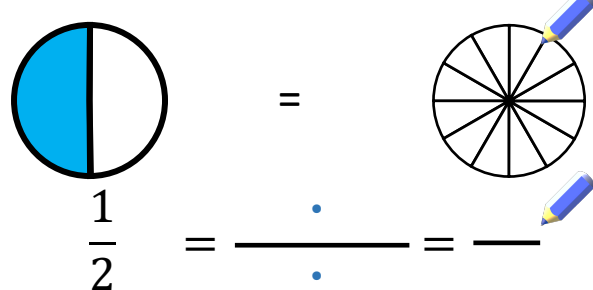
Forlæng med 3



Forlæng med 3



Forlæng med 6



PIZZAREGNING



Forlæng med 3

$$\frac{3}{7} = \frac{3 \cdot 3}{7 \cdot 3} = \frac{9}{21}$$

Forlæng med 2

$$\frac{5}{9} = \frac{5 \cdot 2}{9 \cdot 2} = \frac{\quad}{\quad}$$

Forlæng med 4

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

Forlæng med 3

$$\frac{1}{5} = \frac{2 \cdot 1}{2 \cdot 5} = \frac{\quad}{\quad}$$

Forlæng med 5

$$\frac{1}{6} = \frac{1 \cdot \quad}{6 \cdot \quad} = \frac{\quad}{\quad}$$

Forlæng med 7

$$\frac{2}{7} = \frac{\quad \cdot 7}{\quad \cdot 7} = \frac{\quad}{\quad}$$

Forlæng med 2

$$\frac{3}{7} = \frac{\quad \cdot \quad}{\quad \cdot \quad} = \frac{\quad}{\quad}$$

Forlæng med 4

$$\frac{2}{7} = \frac{\quad \cdot \quad}{\quad \cdot \quad} = \frac{\quad}{\quad}$$

Forlæng med 8

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

Forlæng med 6

$$\frac{1}{4} = \frac{\quad \cdot \quad}{\quad \cdot \quad} = \frac{\quad}{\quad}$$

Forlæng med 3

$$\frac{3}{4} = \frac{\quad \cdot \quad}{\quad \cdot \quad} = \frac{\quad}{\quad}$$

Forlæng med 2

$$\frac{3}{8} = \frac{\quad \cdot \quad}{\quad \cdot \quad} = \frac{\quad}{\quad}$$

Forlæng med 5

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

Forlæng med 7

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

Forlæng med 2

$$\frac{7}{9} = \frac{\quad \cdot \quad}{\quad \cdot \quad} = \frac{\quad}{\quad}$$

Forlæng med 2

$$\frac{9}{11} = \frac{\quad \cdot \quad}{\quad \cdot \quad} = \frac{\quad}{\quad}$$

PIZZAREGNING



$$\frac{1}{3} = \frac{1 \cdot 2}{3 \cdot 2} = \frac{2}{6} = \frac{1 \cdot 3}{3 \cdot 3} = \frac{3}{9}$$

Forlæng med 2

$$\frac{1}{4} = \frac{1 \cdot 2}{4 \cdot 2} = \frac{2}{8}$$

Forlæng med 3

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

Forlæng med 2

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

Forlæng med 3

$$\frac{2}{3} = \frac{2 \cdot 3}{3 \cdot 3} = \frac{6}{9}$$

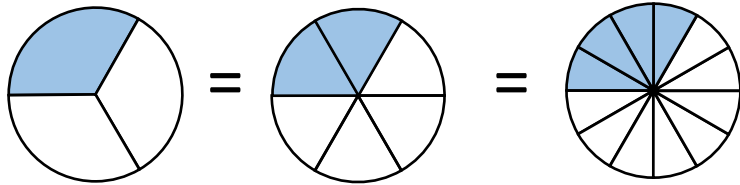
Forlæng med 2

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

Forlæng med 4

$$\frac{1}{2} = \frac{1 \cdot 4}{2 \cdot 4} = \frac{4}{8}$$

PIZZAREGNING



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

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

Forlæng med 2

$$\frac{3}{4} = \frac{3 \cdot 2}{4 \cdot 2} = \frac{6 \cdot 2}{8 \cdot 2} = \frac{12 \cdot 2}{16 \cdot 2} = \frac{24}{32}$$

Forlæng med 2

Forlæng med 2

Forlæng med 8 (2 · 2 · 2)

$$\frac{3}{4} = \frac{3 \cdot 8}{4 \cdot 8} = \underline{\quad}$$

Forlæng med 2

$$\frac{2}{5} = \frac{2 \cdot 2}{5 \cdot 2} = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

Forlæng med 3

Forlæng med 2

Forlæng med 12 (2 · 3 · 2)

$$\frac{2}{5} = \underline{\quad} = \underline{\quad}$$

Forlæng med 4

$$\frac{1}{3} = \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

Forlæng med 2

Forlæng med 2

Forlæng med

$$\frac{1}{3} = \underline{\quad} = \frac{\quad}{48}$$

PIZZAREGNING



Forlæng så tælleren passer:

$$\frac{1}{6} = \frac{1 \cdot 5}{6 \cdot 5} = \frac{5}{30}$$

$$\frac{2}{7} = \frac{2 \cdot \quad}{7 \cdot \quad} = \frac{4}{\quad}$$

$$\frac{3}{5} = \frac{3 \cdot \quad}{5 \cdot \quad} = \frac{9}{\quad}$$

$$\frac{3}{4} = \frac{\quad}{\quad} = \frac{12}{\quad}$$

$$\frac{1}{3} = \frac{\quad}{\quad} = \frac{7}{\quad}$$

$$\frac{1}{5} = \frac{\quad}{\quad} = \frac{4}{\quad}$$

$$\frac{4}{7} = \frac{\quad}{\quad} = \frac{12}{\quad}$$

$$\frac{7}{9} = \frac{\quad}{\quad} = \frac{21}{\quad}$$

Forlæng så nævneren passer:

$$\frac{2}{5} = \frac{2 \cdot 3}{5 \cdot 3} = \frac{6}{15}$$

$$\frac{1}{4} = \frac{1 \cdot \quad}{4 \cdot \quad} = \frac{\quad}{16}$$

$$\frac{3}{7} = \frac{3 \cdot \quad}{7 \cdot \quad} = \frac{\quad}{35}$$

$$\frac{5}{9} = \frac{\quad}{\quad} = \frac{\quad}{27}$$

$$\frac{5}{6} = \frac{\quad}{\quad} = \frac{\quad}{36}$$

$$\frac{2}{3} = \frac{\quad}{\quad} = \frac{\quad}{24}$$

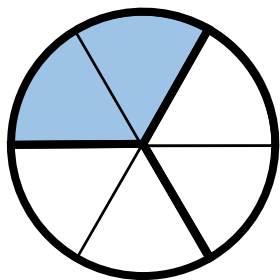
$$\frac{4}{5} = \frac{\quad}{\quad} = \frac{\quad}{25}$$

$$\frac{2}{7} = \frac{\quad}{\quad} = \frac{\quad}{28}$$

PIZZAREGNING



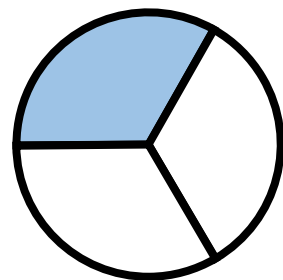
Forkorte brøker



$$\frac{2}{6} =$$

=

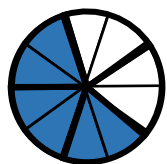
$$\frac{2 : 2}{6 : 2} =$$



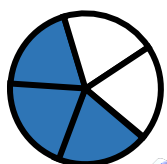
$$= \frac{1}{3}$$



Forkort med 2



=



$$\frac{6}{10} = \frac{6 : 2}{10 : 2} = \frac{3}{5}$$



Forkort med 3



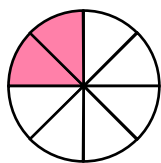
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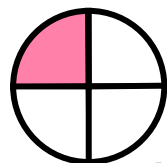
$$\frac{6}{9} = \frac{6 : 3}{9 : 3} = \frac{2}{3}$$



Forkort med 2



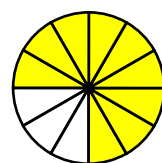
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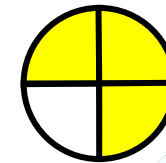
$$\frac{2}{8} = \frac{2 : 2}{8 : 2} = \frac{1}{4}$$



Forkort med 3



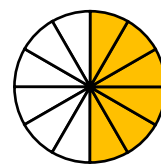
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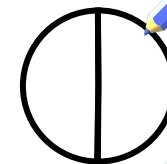
$$\frac{9}{12} = \frac{: 3}{: 3} = \frac{3}{4}$$



Forkort med 6



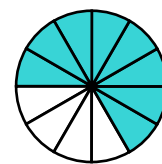
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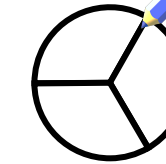
$$\frac{6}{12} = \frac{:}{:} = \frac{1}{2}$$



Forkort med 4



=



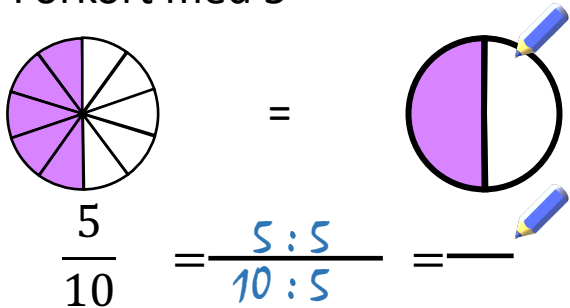
$$\frac{8}{12} = \frac{:}{:} = \frac{2}{3}$$



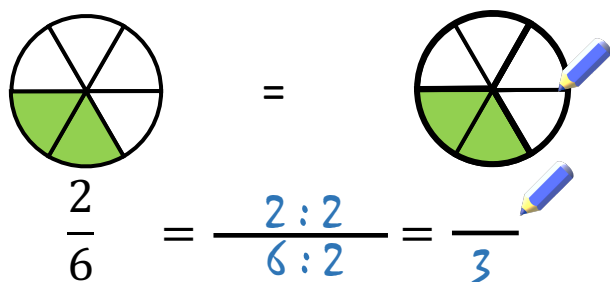
PIZZAREGNING



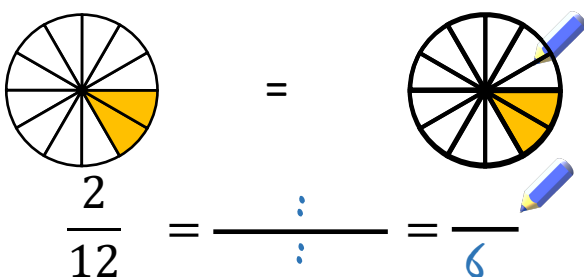
Forkort med 5



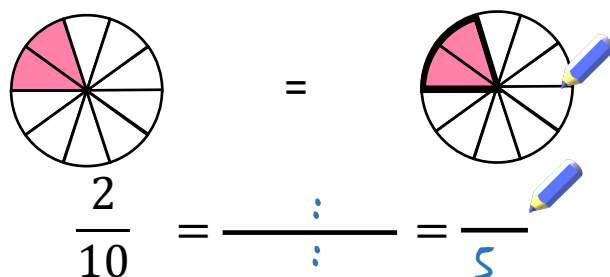
Forkort med 2



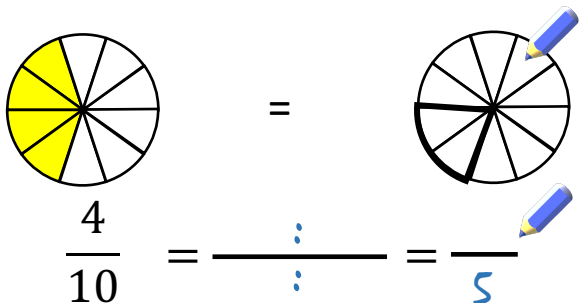
Forkort med 2



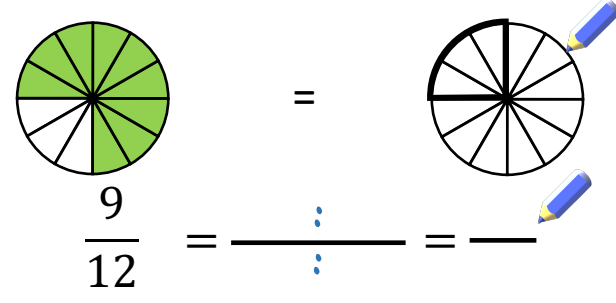
Forkort med 2



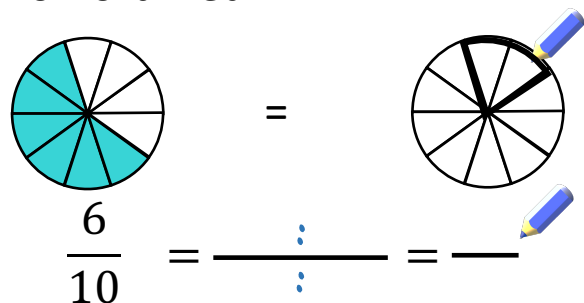
Forkort med 2



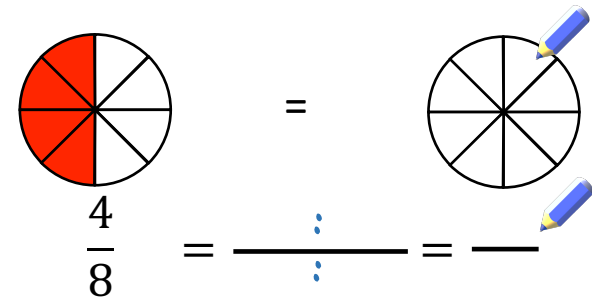
Forkort med 3



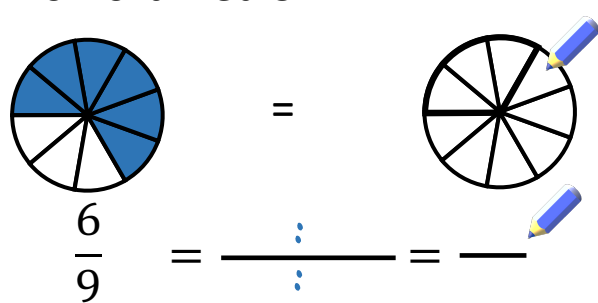
Forkort med 2



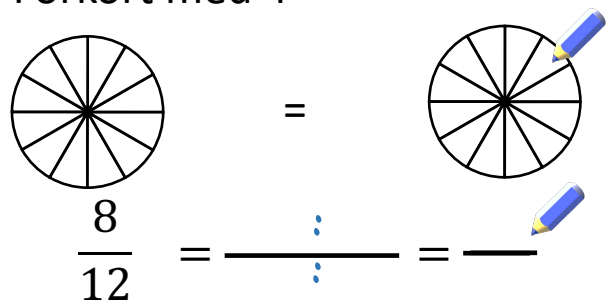
Forkort med 4



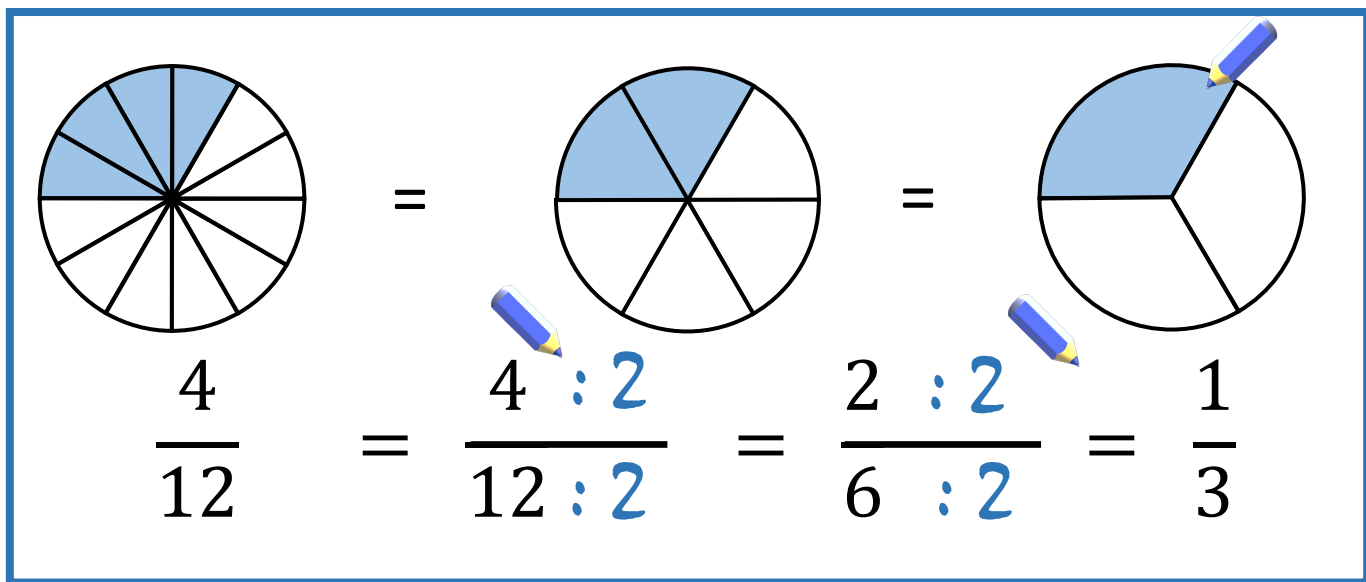
Forkort med 3



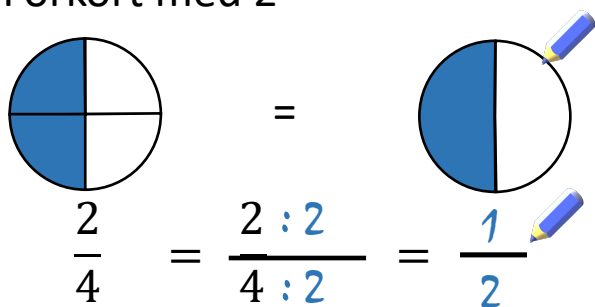
Forkort med 4



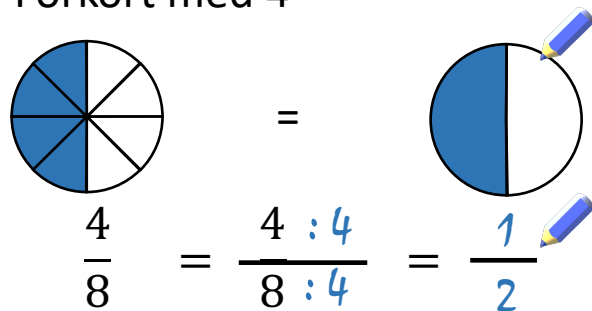
PIZZAREGNING



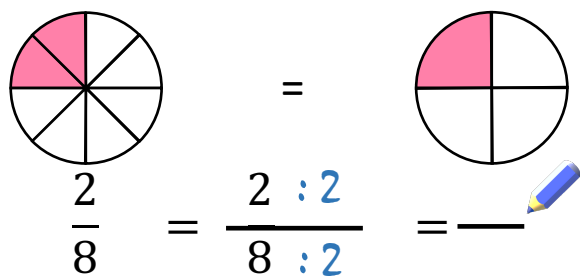
Forkort med 2



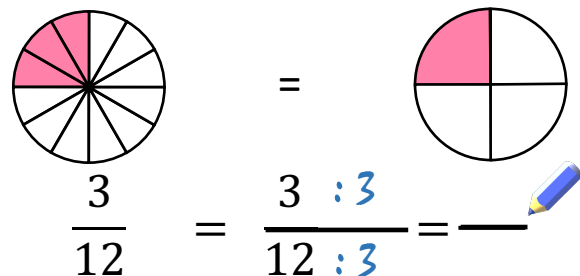
Forkort med 4



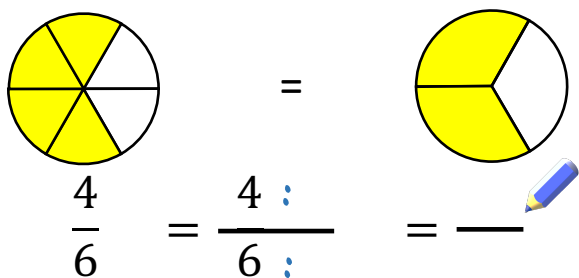
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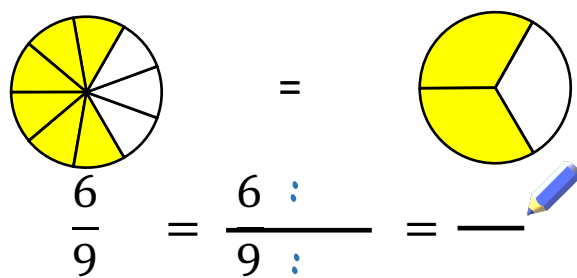
Forkort med 3



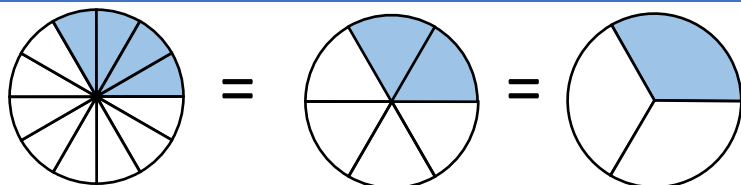
Forkort med 2



Forkort med 3



PIZZAREGNING



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

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

Forkort med 2

$$\frac{24}{32} = \frac{24 : 2}{32 : 2} = \frac{12 : 2}{16 : 2} = \frac{6 : 2}{8 : 2} = \frac{3}{4}$$

Forkort med 2

Forkort med 2

Forkort med 8 (2 · 2 · 2)

$$\frac{24}{32} = \frac{24 : 8}{32 : 8} = \frac{\quad}{\quad}$$

Forkort med 4

$$\frac{16}{48} = \frac{16 : 4}{48 : 4} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Forkort med 2

Forkort med 2

Forkort med 16 (4 · 2 · 2)

$$\frac{16}{48} = \frac{\quad}{\quad} = \frac{1}{3}$$

Forkort med 2

$$\frac{24}{60} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Forkort med 3

Forkort med 2


Forkort med

$$\frac{24}{60} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$


PIZZAREGNING




Forkort med 2 Forkort med 2 Forkort med 4 Forkort med 4

$$\frac{64}{128} = \frac{64:2}{128:2} = \frac{32:2}{64:2} = \frac{16:4}{32:4} = \frac{4:4}{8:4} = \frac{1}{2}$$



Forkort med 2 Forkort med 2 Forkort med 3 Forkort med 3

$$\frac{72}{180} = \frac{72:2}{180:2} = \frac{36:2}{90:2} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



Forkort med 2 Forkort med 2 Forkort med 3 Forkort med 4

$$\frac{48}{144} = \frac{48:2}{144:2} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



Forkort med 2 Forkort med 3 Forkort med 3 Forkort med 4

$$\frac{72}{360} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



Forkort med 2 Forkort med 3 Forkort med 3 Forkort med 3

$$\frac{162}{216} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



Forkort med 2 Forkort med 3 Forkort med 4 Forkort med 4

$$\frac{96}{192} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$


Forkort med 2 Forkort med 3 Forkort med 3 Forkort med 5

$$\frac{270}{450} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$


Forkort med 2 Forkort med 2 Forkort med 2 Forkort med 2

$$\frac{16}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$


PIZZAREGNING



Forkort med 2 Forkort med 3 Forkort med 2 Forkort med 4

$$\frac{144}{360} = \frac{144 : 2}{360 : 2} = \frac{72 : 3}{120 : 3} = \frac{24 : 2}{40 : 2} = \frac{12 : 4}{20 : 4} = \frac{3}{5}$$

Forkort med 3 Forkort med 3 Forkort med 3 Forkort med 3

$$\frac{81}{162} = \frac{81 : 3}{162 : 3} = \frac{27 : 3}{54 : 3} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Forkort med 2 Forkort med 5 Forkort med 3 Forkort med 4

$$\frac{360}{480} = \frac{360 : 2}{480 : 2} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Forkort med 2 Forkort med 3 Forkort med 4 Forkort med 4

$$\frac{192}{576} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Forkort med 3 Forkort med 3 Forkort med 3 Forkort med 3

$$\frac{162}{405} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Forkort med 3 Forkort med 3 Forkort med 4 Forkort med 4

$$\frac{288}{432} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Forkort med 5 Forkort med 4 Forkort med 3 Forkort med 3

$$\frac{540}{1440} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

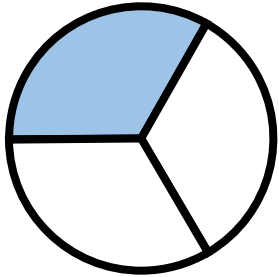
Forkort med 4 Forkort med 3 Forkort med 3 Forkort med 3

$$\frac{216}{972} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

PIZZAREGNING



Forlænge brøker

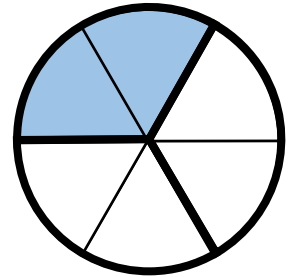


$$\frac{1}{3}$$

=

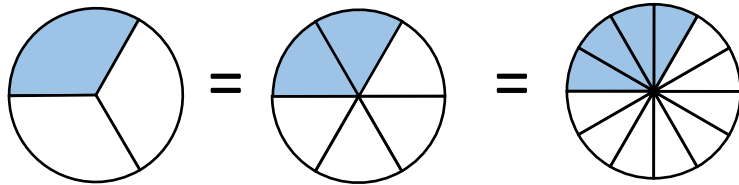
$$\frac{1 \cdot 2}{3 \cdot 2}$$

=



=

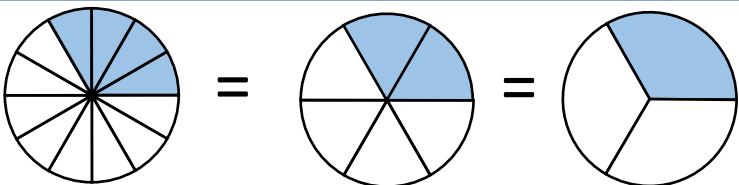
$$\frac{2}{6}$$



Forlænge brøker

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

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



Forkorte brøker

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

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



PIZZAREGNING

Brøkregning Niveau 2

Forlænge og Forkorte

- Forlæng brøk
- Forkort brøk

Elevunderskrift

Lærerunderskrift

