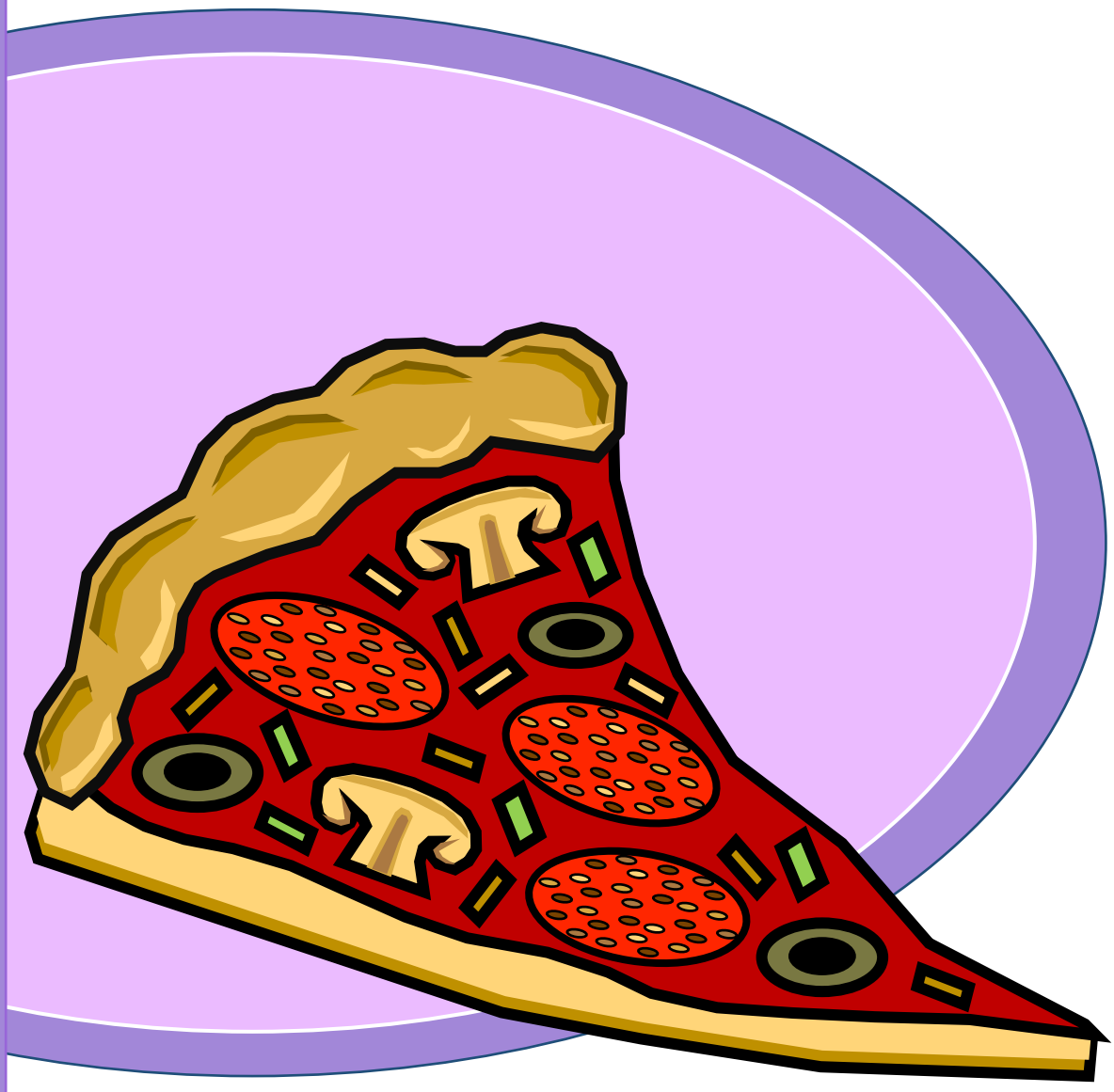
PIZZAREGNING

Brøkregning
Niveau 2

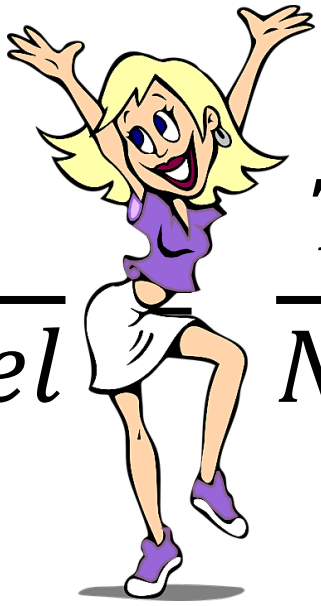
Forkorte brøker

- **Addition / Subtraktion**
- **Ens nævner**



PIZZAREGNING

$$\frac{Top}{Nederdel} \qquad \frac{Tæller}{Nævner}$$



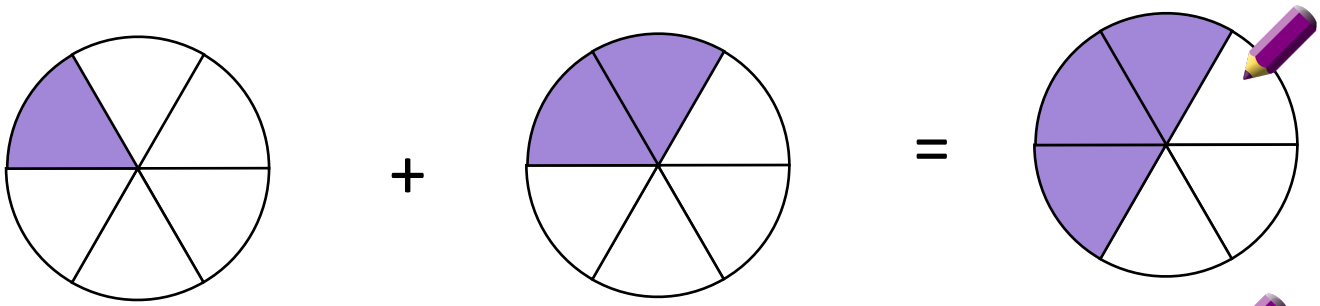
Samme nederdel

Fælles nævner

Forkorte

- *Samme brøkdel*

PIZZAREGNING



$\frac{1}{6} + \frac{2}{6} = \frac{3:3}{6:3} = \frac{1}{2}$

$\frac{2}{8} + \frac{4}{8} = \frac{6:2}{8:2} = \frac{3}{4}$

$\frac{4}{9} + \frac{2}{9} = \frac{6:3}{9:3} = \frac{\quad}{\quad}$

$\frac{1}{4} + \frac{1}{4} = \frac{2:2}{4:2} = \frac{\quad}{\quad}$

$\frac{1}{10} + \frac{4}{10} = \frac{5:}{10:} = \frac{\quad}{\quad}$

$\frac{1}{12} + \frac{5}{12} = \frac{6:}{12:} = \frac{\quad}{\quad}$

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

$\frac{1}{8} + \frac{3}{8} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

$\frac{3}{15} + \frac{7}{15} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

$\frac{5}{12} + \frac{5}{12} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

$\frac{5}{14} + \frac{3}{14} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

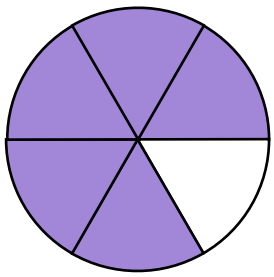
$\frac{1}{10} + \frac{7}{10} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

$\frac{1}{8} + \frac{1}{8} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

$\frac{3}{6} + \frac{1}{6} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

$\frac{5}{16} + \frac{3}{16} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

PIZZAREGNING



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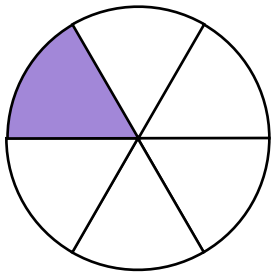

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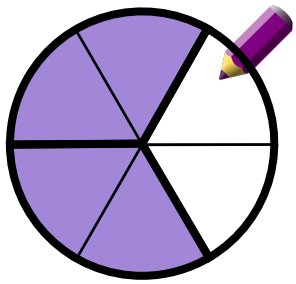


$\frac{5}{6} - \frac{1}{6} = \frac{4:2}{6:2} = \frac{2}{3}$

$\frac{7}{8} - \frac{3}{8} = \frac{4:4}{8:4} = \frac{1}{2}$

$\frac{7}{9} - \frac{1}{9} = \frac{6:3}{9:3} = \_\_$

$\frac{3}{4} - \frac{1}{4} = \frac{2:2}{4:2} = \_\_$

$\frac{11}{12} - \frac{5}{12} = \frac{6:}{12:} = \_\_$

$\frac{9}{10} - \frac{4}{10} = \frac{5:}{10:} = \_\_$

$\frac{7}{8} - \frac{1}{8} = \_\_\_\_ = \_\_$

$\frac{5}{6} - \frac{1}{6} = \_\_\_\_ = \_\_$

$\frac{15}{16} - \frac{13}{16} = \_\_\_\_ = \_\_$

$\frac{8}{10} - \frac{3}{10} = \_\_\_\_ = \_\_$

$\frac{11}{14} - \frac{3}{14} = \_\_\_\_ = \_\_$

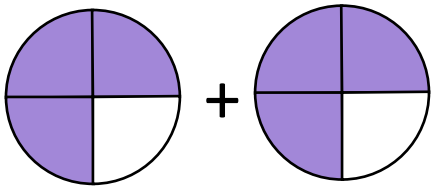
$\frac{5}{8} - \frac{3}{8} = \_\_\_\_ = \_\_$

$\frac{13}{15} - \frac{3}{15} = \_\_\_\_ = \_\_$

$\frac{7}{12} - \frac{3}{12} = \_\_\_\_ = \_\_$

$\frac{3}{6} - \frac{1}{6} = \_\_\_\_ = \_\_$

PIZZAREGNING



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

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

$\frac{7}{9} + \frac{5}{9} = \frac{12}{9} = 1\_\_ + \frac{3:3}{9:3} = 1\_\_\frac{1}{3}$

$\frac{6}{8} + \frac{4}{8} = \frac{10}{8} = \_\_ + \frac{\quad}{\quad} = \_\_\frac{\quad}{\quad}$

$\frac{7}{12} + \frac{9}{12} = \frac{\quad}{\quad} = \_\_ + \frac{\quad}{\quad} = \_\_\frac{\quad}{\quad}$

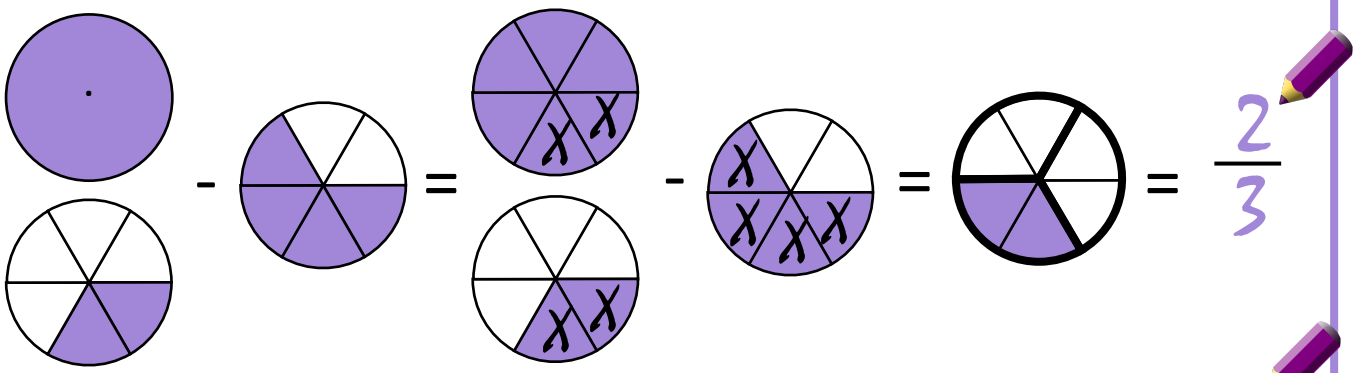
$\frac{11}{12} + \frac{9}{12} = \frac{\quad}{\quad} = \_\_ + \frac{\quad}{\quad} = \_\_\frac{\quad}{\quad}$

$\frac{8}{9} + \frac{8}{9} = \frac{\quad}{\quad} = \_\_ + \frac{\quad}{\quad} = \_\_\frac{\quad}{\quad}$

$\frac{14}{15} + \frac{11}{15} = \frac{\quad}{\quad} = \_\_ + \frac{\quad}{\quad} = \_\_\frac{\quad}{\quad}$

$\frac{7}{8} + \frac{7}{8} = \frac{\quad}{\quad} = \_\_ + \frac{\quad}{\quad} = \_\_\frac{\quad}{\quad}$

PIZZAREGNING



$1\frac{2}{6} - \frac{4}{6} = \frac{8}{6} - \frac{4}{6} = \frac{4:2}{6:2} = \frac{2}{3}$

$1\frac{1}{12} - \frac{5}{12} = \frac{13}{12} - \frac{5}{12} = \frac{8:4}{12:4} = \frac{2}{3}$

$1\frac{1}{9} - \frac{7}{9} = \frac{10}{9} - \_\_ = \frac{:3}{:3} = \_\_$

$1\frac{1}{16} - \frac{5}{16} = \_\_ - \_\_ = \_\_\_\_ = \_\_$

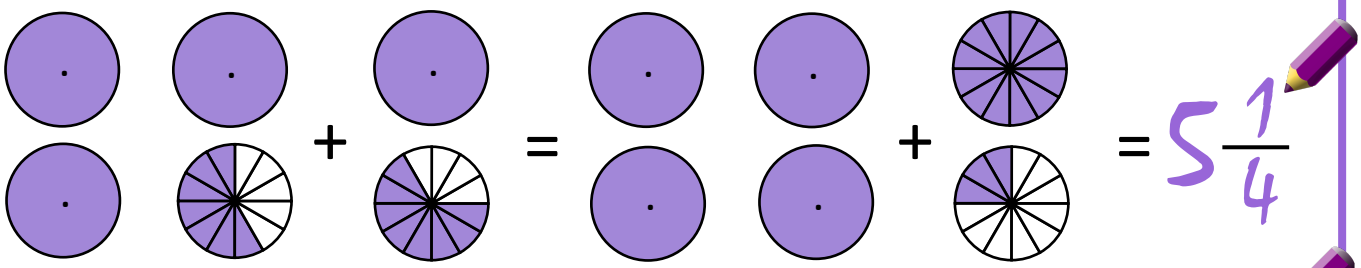
$1\frac{1}{12} - \frac{9}{12} = \_\_ - \_\_ = \_\_\_\_ = \_\_$

$1\frac{1}{8} - \frac{3}{8} = \_\_ - \_\_ = \_\_\_\_ = \_\_$

$1\frac{1}{14} - \frac{8}{14} = \_\_ - \_\_ = \_\_\_\_ = \_\_$

$1\frac{3}{16} - \frac{7}{16} = \_\_ - \_\_ = \_\_\_\_ = \_\_$

PIZZAREGNING



$3\frac{7}{12} + 1\frac{8}{12} = 4 + \frac{15}{12} = 5 + \frac{3:3}{12:3} = 5\frac{1}{4}$

$5\frac{11}{12} + 2\frac{10}{12} = 7 + \frac{21}{12} = \underline{8} + \frac{9:4}{12:4} = \underline{8}\ \frac{8}{13}$

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

$1\frac{5}{8} + 2\frac{7}{8} = \ + \frac{\ }{\ } = \underline{\ } + \frac{\ }{\ } = \underline{\ }\ \frac{\ }{\ }$

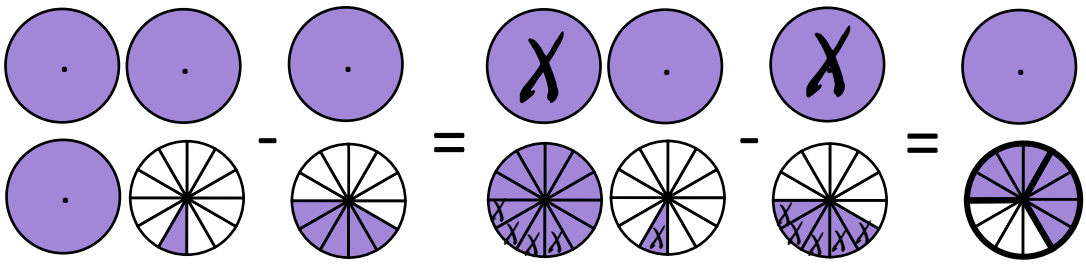
$2\frac{15}{16} + 4\frac{13}{16} = \ + \frac{\ }{\ } = \underline{\ } + \frac{\ }{\ } = \underline{\ }\ \frac{\ }{\ }$

$1\frac{17}{24} + 1\frac{23}{24} = \ + \frac{\ }{\ } = \underline{\ } + \frac{\ }{\ } = \underline{\ }\ \frac{\ }{\ }$

$1\frac{7}{9} + 4\frac{8}{9} = \ + \frac{\ }{\ } = \underline{\ } + \frac{\ }{\ } = \underline{\ }\ \frac{\ }{\ }$

$3\frac{19}{24} + 4\frac{11}{24} = \ + \frac{\ }{\ } = \underline{\ } + \frac{\ }{\ } = \underline{\ }\ \frac{\ }{\ }$

PIZZAREGNING



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

$3\frac{1}{12} - 1\frac{5}{12} = 2\frac{13}{12} - 1\frac{5}{12} = 1\frac{8:4}{12:4} = 1\frac{2}{3}$

$4\frac{1}{4} - 1\frac{3}{4} = 3\frac{5}{4} - 1\frac{3}{4} = 2\frac{2:2}{4:2} = 2\frac{1}{2}$

$3\frac{1}{6} - 1\frac{5}{6} = 2\frac{7}{6} - \_\_ = \_\_\frac{:2}{:2} = \_\_$

$5\frac{1}{12} - 3\frac{7}{12} = \_\_ - \_\_ = \_\_ = \_\_$

$5\frac{5}{24} - 3\frac{19}{24} = \_\_ - \_\_ = \_\_ = \_\_$

$4\frac{1}{8} - 1\frac{5}{8} = \_\_ - \_\_ = \_\_ = \_\_$

$3\frac{3}{10} - 1\frac{9}{10} = \_\_ - \_\_ = \_\_ = \_\_$

$4\frac{3}{16} - 2\frac{11}{16} = \_\_ - \_\_ = \_\_ = \_\_$

PIZZAREGNING

Vælg selv metode – **Pas på! Der er både + og – HUSK AT FORKORTE**

$1\frac{6}{8} + 2\frac{5}{8} =$

$\frac{11}{12} + \frac{7}{12} =$

$2\frac{3}{10} - \frac{9}{10} =$

$3\frac{5}{8} + 4\frac{7}{8} =$

$4\frac{1}{6} - 2\frac{5}{6} =$

$\frac{11}{12} + 3\frac{7}{12} =$

$9\frac{7}{9} + \frac{5}{9} =$

$2\frac{5}{12} - \frac{11}{12} =$

$7\frac{1}{8} - 1\frac{7}{8} =$

$4\frac{5}{12} + \frac{11}{12} =$

PIZZAREGNING

Vælg selv metode – **Pas på! Der er både + og – HUSK AT FORKORTE**

$$\frac{9}{10} - \frac{4}{10} =$$

$$1\frac{8}{12} + \frac{9}{12} =$$

$$3\frac{1}{16} - \frac{11}{16} =$$

$$\frac{6}{18} + \frac{11}{18} =$$

$$3\frac{7}{12} - 1\frac{11}{12} =$$

$$7\frac{2}{12} - \frac{9}{12}. =$$

$$\frac{7}{8} + \frac{5}{8} =$$

$$1\frac{1}{6} - \frac{5}{6} =$$

$$2\frac{1}{8} - \frac{7}{8} =$$

$$3\frac{5}{6} + 4\frac{3}{6} =$$

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

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

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

$$\frac{360}{480} = \frac{360:2}{480:2} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_}$$

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

$$\frac{192}{672} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_}$$

Forkort med 3 | Forkort med 3 | Forkort med 3 | Forkort med 3

$$\frac{162}{405} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_}$$

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

$$\frac{288}{432} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_}$$

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

$$\frac{540}{1440} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_}$$

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

$$\frac{216}{972} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_} = \text{\_\_\_}$$

PIZZAREGNING

Forkorte brøker

2 - går op: i alle lige tal
3 - går op: tværsummen er delelig med 3
4 - går op: 4 går op i de to sidste cifre
5 - går op: sidste ciffer er enten 0 eller 5
6 - går op: tallet er lige og deleligt med 3
7 - går op: 7 går op i det tal, som fremkommer ved at tage tallet uden det sidste ciffer og derfra trække det dobbelte af sidste ciffer.
8 - går op: tallets sidste tre cifre kan deles med 8
9 - går op: tværsummen er delelig med 9
10 - går op: sidste ciffer er 0

Begge tal lige : 2 Begge tal lige : 2 Begge tal lige : 2

$$\frac{32}{72} = \frac{32:2}{72:2} = \frac{16:2}{36:2} = \frac{8:2}{18:2} = \frac{\quad}{\quad} = \frac{4}{9}$$

Ender på 5 : 5 Tværsum : 3 Tværsum : 9

$$\frac{405}{945} = \frac{405:5}{945:5} = \frac{81:3}{189:3} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Ender på 0 : 10 34 – 6 = 28, 68 – 12 = 56 : 7 deleligt med : 7 deleligt med : 7

$$\frac{3430}{6860} = \frac{3430:10}{6860:10} = \frac{343:7}{686:7} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{567}{1701} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{768}{1024} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

PIZZAREGNING

Forkort brøkerne mest muligt. Det er ikke sikkert, du skal bruge alle brøklinjerne.

$\frac{232}{696} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_$

$\frac{225}{315} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_$

$\frac{1024}{1280} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_$

$\frac{720}{3600} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_$

$\frac{432}{576} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_$

$\frac{96}{768} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_$

$\frac{720}{2520} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_$

$\frac{1024}{2048} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_$

PIZZAREGNING

Forkort brøkerne mest muligt. Det er ikke sikkert, du skal bruge alle brøklinjerne.

$\frac{624}{1872} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_$

$\frac{248}{372} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_$

$\frac{846}{2115} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_$

$\frac{192}{864} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_$

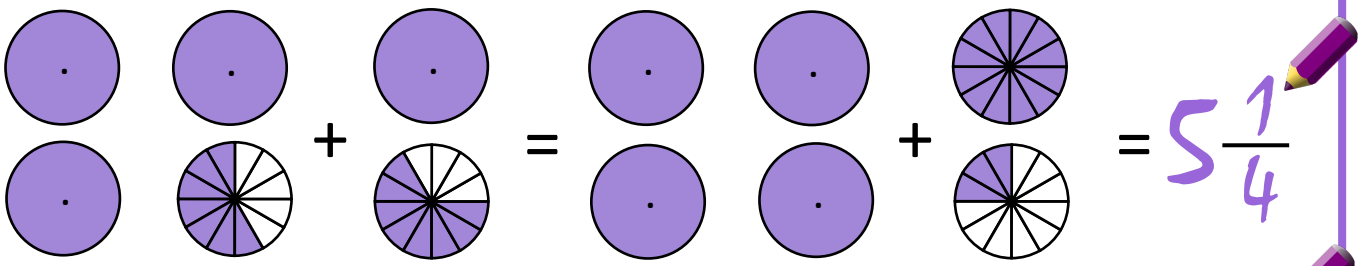
$\frac{162}{432} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_$

$\frac{288}{2016} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_$

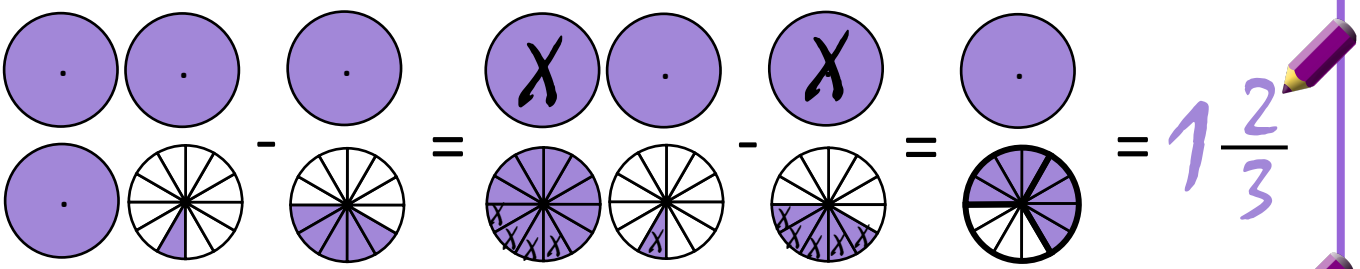
$\frac{540}{720} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_$

$\frac{484}{1210} = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_ = \_\_\_\_$

PIZZAREGNING



$$3\frac{7}{12} + 1\frac{8}{12} = 4 + \frac{15}{12} = 5 + \frac{3:3}{12:3} = 5\frac{1}{4}$$



$$3\frac{1}{12} - 1\frac{5}{12} = 2\frac{13}{12} - 1\frac{5}{12} = 1\frac{8:4}{12:4} = 1\frac{2}{3}$$

Forkorte brøker

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10 - går op: sidste ciffer er 0

PIZZAREGNING

Brøkregning
Niveau 2

Forkorte brøker

- **Addition / Subtraktion**
- **Ens nævner**

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Elevunderskrift

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Lærerunderskrift