

$$\frac{8}{5} = 1\frac{3}{5} = 1 + \frac{3}{5}$$

$$ab = a \cdot b$$

$$a(b+c) = a \cdot b + a \cdot c$$

$$1\frac{3}{5} = 1 \cdot \frac{3}{5} = \underline{1 + \frac{3}{5}}$$


$$a \cdot \frac{b}{c} \quad 8-10 \text{ Klasse}$$

okt. 31-09.50

1a)

		
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 $\frac{1}{3}$ 

 $\frac{4}{12}$ 

okt. 31-10.15

16)

$$\frac{4}{5} \quad \text{og} \quad 1$$

0,8      ↑      1

$$0,9 = \underline{\underline{\frac{9}{10}}}$$

del 2)

$$\frac{9}{10} \quad \text{og} \quad 1$$

0,9      og      1

0,95 ligger mellom  $\frac{95}{100} = \underline{\underline{\frac{19}{20}}}$

okt. 31-10.18

Marianne har feilt 60 hr

Brukt  $\frac{1}{3} \Rightarrow 20$  hr

Lina har brukt 20 hr. Dele  
er halvparten  $\Rightarrow$  40 hr

$$\frac{60}{40} = \frac{3}{2} = 1,5$$

okt. 31-10.24

2a)

6	6
6	6
6	6
6	6



$$8 \cdot 6 = 48 \text{ bok}$$

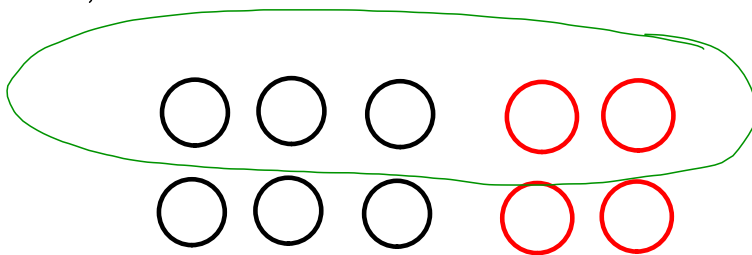
$$3/8 = 18 \text{ bok}$$

okt. 31-10.30

$$\frac{25 : 5}{60 : 5} = \frac{5}{12} = \frac{5 \cdot 4}{12 \cdot 4} = \frac{20}{48} \quad \text{Olin}$$

$$\frac{35 : 5}{60 : 5} = \frac{7}{12} = \frac{7 \cdot 4}{12 \cdot 4} = \frac{28}{48} \quad \text{Henrik}$$

1c) 2016



Halv part  
er 5

okt. 31-10.35

- e) I testamentet gir tante Beate halvparten av formuen til Røde Kors. Hennes tre nevøer skal dele resten. Per skal bare få to tredeler av det hver av de to andre nevøene får, fordi han besøkte henne så lite de siste årene. Hvor stor brøkdel av formuen får Per?

$$\begin{array}{l} \text{Nevø 1} : 3000 \\ \text{Nevø 2} : 3000 \\ \text{Per} : 2000 \end{array} \left. \vphantom{\begin{array}{l} \text{Nevø 1} \\ \text{Nevø 2} \\ \text{Per} \end{array}} \right\} 8000 \text{ kr}$$

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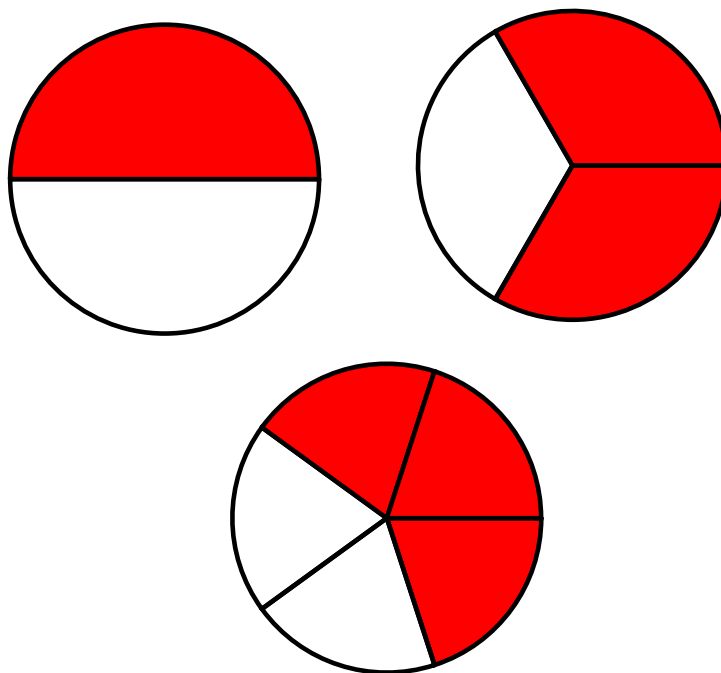

$$\text{Røde kors} : 8000$$

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$$\text{Hele arven} : 16000$$

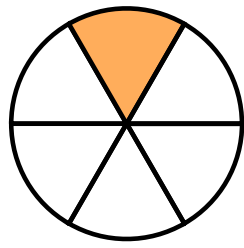
$$\text{Per's andel} = \frac{2000}{16000} = \frac{2}{16} = \underline{\underline{\frac{1}{8}}}$$

okt. 31-10.45



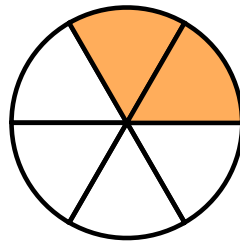
okt. 31-11.19

Lih newn



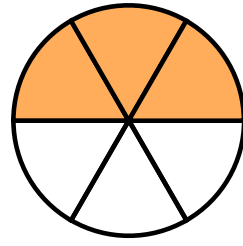
$$\frac{1}{6}$$

+



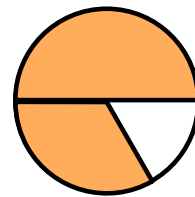
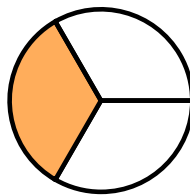
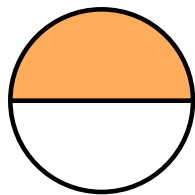
$$\frac{2}{6}$$

=



$$\frac{3}{6}$$

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



okt. 31-11.23

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

$$\frac{8}{12} + \frac{9}{12} = \frac{17}{12} = \underline{\underline{1 \frac{5}{12}}}$$

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$$\frac{1}{4} + \frac{1}{6}$$

4, 8, 12, 16, 20

6, 12, 18, 24

okt. 31-11.34

$$\frac{1}{6} + \frac{1}{3} + \frac{1}{8} \quad f.n. = 24$$

$$6 \cdot 3 \cdot 8 = 144$$

$$\frac{1 \cdot 24}{6 \cdot 24} + \frac{1 \cdot 96}{3 \cdot 4 \cdot 8} + \frac{1 \cdot 18}{8 \cdot 18} = \frac{24 + 96 + 18}{144}$$

$$6, 12, 18, \underline{24}, 30$$

$$3, 6, 9, 12, 15, 18, 21, \underline{24}, 27$$

$$8, 16, \underline{24}, 32$$

okt. 31-11.40

$$\frac{1}{6} + \frac{1}{3} + \frac{1}{8} = \frac{4}{24} + \frac{8}{24} + \frac{3}{24} = \frac{15}{24}$$

$$= \frac{\cancel{3} \cdot 5}{\cancel{3} \cdot 8} = \frac{5}{8}$$

Wadd

kan ikke høres med 2

okt. 31-11.43

$$\begin{aligned}
 4) \quad 2\frac{1}{4} + 3\frac{2}{3} &= 2 + \frac{1}{4} + 3 + \frac{2}{3} \\
 &= 2 + 3 + \frac{1}{4} + \frac{2}{3} = 5 + \frac{3}{12} + \frac{8}{12} \\
 &= 5\frac{11}{12}
 \end{aligned}$$

$$\begin{aligned}
 5) \quad 5\frac{3}{7} + 2\frac{1}{6} &= \left(\frac{35}{7} + \frac{3}{7}\right) + \left(\frac{12}{6} + \frac{1}{6}\right) \\
 &= \frac{38}{7} + \frac{13}{6} = \frac{38 \cdot 6}{42} + \frac{13 \cdot 7}{42} =
 \end{aligned}$$

okt. 31-11.55

$$= \frac{38}{7} + \frac{13}{6} = \frac{38 \cdot 6}{42} + \frac{13 \cdot 7}{42} = \frac{228}{42} + \frac{91}{42}$$

$$= \frac{319}{42} = \underline{\underline{7\frac{25}{42}}}$$

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$$6\frac{1}{6} - 2\frac{1}{4} = \left(6 + \frac{1}{6}\right) - \left(2 + \frac{1}{4}\right) = 6 + \frac{1}{6} - 2 - \frac{1}{4}$$

$$4 + \frac{1}{6} - \frac{1}{4} = 4 + \frac{2}{12} - \frac{3}{12} = 4 - \frac{1}{12} = \underline{\underline{3\frac{11}{12}}}$$

$$3 + \frac{14}{12} - \frac{3}{12} = \underline{\underline{3\frac{11}{12}}}$$

okt. 31-12.14

$$6\frac{1}{6} - 2\frac{1}{4} = \frac{36+1}{6} - \frac{8+1}{4} = \frac{37}{6} - \frac{9}{4}$$

$$= \frac{37 \cdot 2}{6 \cdot 2} - \frac{9 \cdot 3}{4 \cdot 3} = \frac{74}{12} - \frac{27}{12} = \frac{47}{12}$$

$$= \underline{\underline{3\frac{11}{12}}}$$

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$$6\frac{1}{6} - 2\frac{1}{4} = 5\frac{7}{6} - 2\frac{1}{4} = 5 - 2 + \frac{7}{6} - \frac{1}{4}$$

$$3 + \frac{14}{12} - \frac{3}{12} = \underline{\underline{3\frac{11}{12}}}$$

okt. 31-12.17

$$1) \quad 3\frac{1}{5} - 1\frac{3}{4} = \frac{16}{5} - \frac{7}{4} =$$

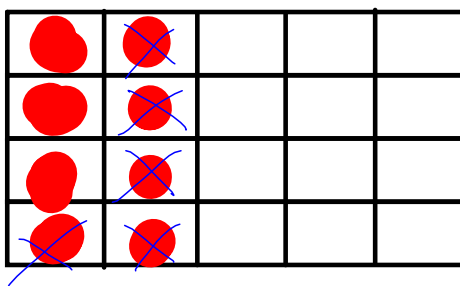
$$\frac{16 \cdot 4}{5 \cdot 4} - \frac{7 \cdot 5}{4 \cdot 5} = \frac{64}{20} - \frac{35}{20} = \frac{29}{20}$$

$$\underline{\underline{1\frac{9}{20}}}$$

okt. 31-12.22



2a) i)



$$\frac{2}{5} = \frac{8}{20}$$

$$\frac{1}{4} = \frac{5}{20}$$

lgjen med  $\frac{3}{20}$

okt. 31-12.25

2a)  $\frac{1}{2} = \frac{1+1}{2+1} = \frac{2}{3}$  4/6



okt. 31-12.29

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

$$\frac{1}{2} \cdot 3 = \text{?} \quad \text{hull og var}$$

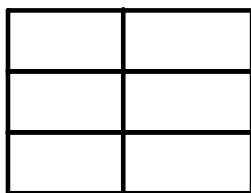
$$\frac{1}{2} \cdot 3 = \frac{3}{2} \quad \text{halvparten av 3}$$

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

okt. 31-12.46

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




okt. 31-12.50