

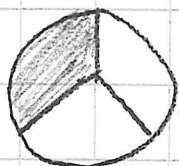
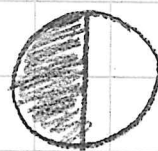
S.42

Murtoluvut

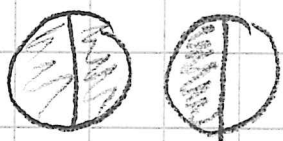
osoittaja  $\rightarrow$  1  
 nimittäjä  $\rightarrow$  2

$$\frac{1}{2} = 0,5$$

murtoluku                      desimaaliluku



$$\frac{1}{3} = 0,333\dots$$



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

sekaluku



$$\frac{5}{3} = 1\frac{2}{3}$$



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



$$2) \frac{1}{2} = \frac{2}{4} = \frac{4}{8} = \dots$$

lavennetaan

$$\frac{4}{8} \stackrel{(2)}{=} \frac{2}{4} \stackrel{(2)}{=} \frac{1}{2}$$

supistetaan

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a)  $\frac{1}{3}$

c)  $\frac{3}{8}$

b)  $\frac{2}{6}$

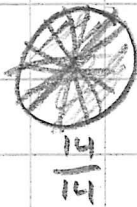
d)  $\frac{5}{15}$

188

a)  $\frac{10^2}{4} = \frac{5}{2} = 2\frac{1}{2}$

tai  $\frac{10}{4} = 2\frac{2}{4} = 2\frac{1}{2}$

b)  $\frac{25}{14} = 1\frac{11}{14}$



c)  $\frac{8}{3} = 2\frac{2}{3}$



d)  $\frac{35}{8} = 4\frac{3}{8}$

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a)  $1\frac{1}{4} = \frac{5}{4}$

b)  $2\frac{5}{8} = \frac{21}{8}$

$$c) 4\frac{1}{3} = \frac{13}{3}$$

$$d) 5\frac{8}{10} = \frac{58}{10} \stackrel{(2)}{=} \frac{29}{5}$$

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livenna kolmella

$$a) \stackrel{3)}{\frac{3}{5}} = \frac{9}{15}$$

$$b) \stackrel{3)}{\frac{4}{7}} = \frac{12}{21}$$

$$c) \stackrel{3)}{\frac{1}{12}} = \frac{3}{36}$$

$$d) \stackrel{3)}{\frac{5}{6}} = \frac{15}{18}$$

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supista

$$a) \frac{3}{12} \stackrel{(3)}{=} \frac{1}{4}$$

$$b) \frac{8}{36} \stackrel{(2)}{=} \frac{4}{18} \stackrel{(2)}{=} \frac{2}{9} \quad \text{tai} \quad \frac{8}{36} \stackrel{(4)}{=} \frac{2}{9}$$

$$c) \frac{30}{45} \stackrel{(5)}{=} \frac{6}{9} \stackrel{(3)}{=} \frac{2}{3} \quad \text{tai} \quad \frac{30}{45} \stackrel{(15)}{=} \frac{2}{3}$$

$$d) \frac{12}{54} \stackrel{(2)}{=} \frac{6}{27} \stackrel{(3)}{=} \frac{2}{9}$$