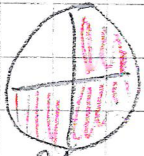


Murtoluvut

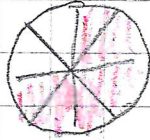
s. 42

1 ← OSOITTAJA
2 ← NIMITTÄJÄ
MURTOVIIVA

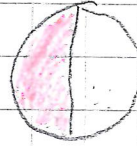


$$\frac{2}{4}$$

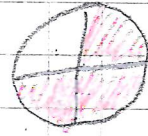
=



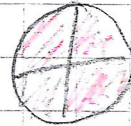
$$\frac{4}{8}$$



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



$$\frac{1}{4}$$



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

Luvun

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

$$\frac{5}{3} = \frac{15}{9}$$

$$\frac{4}{5} = \frac{20}{25}$$

Luvun

Supistaminen :

$$\frac{9^{13}}{15} = \frac{3}{5}$$

$$\frac{9^{13}}{12} = \frac{3}{4}$$

$$\frac{8^{14}}{20} = \frac{2}{5}$$

$$\text{tai} \quad \frac{8^{12}}{20} = \frac{4^{12}}{10} = \frac{2}{5}$$

$$\frac{30^{15}}{45} = \frac{6^{13}}{9} = \frac{2}{3}$$

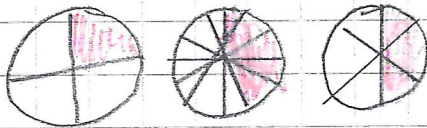
$$\frac{1}{4} \quad \frac{3}{6} \quad \frac{5}{12} \quad \frac{3}{4}$$

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

$$2 \frac{3}{6} = \frac{6}{12}$$

$$\frac{3}{12} < \frac{5}{12} < \frac{6}{12}$$

$$\frac{1}{4} < \frac{5}{12} < \frac{3}{6}$$

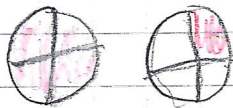


Sekaluku:

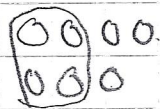
$$1 \frac{1}{4} = \frac{5}{4}$$

$$2 \frac{3}{7} = \frac{17}{7}$$

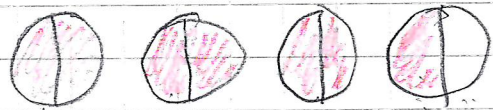
$$3 \frac{4}{9} = \frac{31}{9}$$



$$\frac{7}{4} = 1 \frac{3}{4}$$



$$\frac{7}{2} = 3 \frac{1}{2}$$



s. 44 t. 184, 187, 191, 193, 188