

#290

$$\frac{2^{12}}{4} = \frac{1}{2} \quad \frac{6^{12}}{8} = \frac{3}{4} \quad \frac{4^{12}}{16} = \frac{1}{4} \quad \frac{2^{12}}{32} = \frac{1}{16} \quad \frac{4^{12}}{4} = \frac{1}{1} \quad \frac{16^{16}}{64} = \frac{1}{4}$$

$$\frac{64^{64}}{128} = \frac{1}{2} \quad \frac{8^{12}}{8} = \frac{1}{1} \quad \frac{8^{18}}{16} = \frac{1}{2} \quad \frac{32^{32}}{32} = \frac{1}{1}$$

$$\frac{16^{16}}{32} = \frac{1}{2} \quad \frac{32^{32}}{64} = \frac{1}{2} \quad \frac{48^{16}}{64} = \frac{3}{4} \quad \frac{16}{16} = 1$$

$$\frac{4^{12}}{8} = \frac{1}{2} \quad \frac{12^{12}}{16} = \frac{3}{4} \quad \frac{56^{18}}{64} = \frac{7}{8} \quad \frac{96^{12}}{128} = \frac{24}{32} \quad \frac{32^{18}}{128} = \frac{4^{12}}{16} = \frac{1}{4}$$

$$\frac{128}{256} = \frac{1}{2} \quad \frac{128}{512} = \frac{1}{4}$$

#291

$$\frac{1^{16}}{2^{16}} = \frac{16}{32} = \frac{1}{2} \quad \frac{3^{18}}{4} = \frac{24}{32} \quad \frac{5^{18}}{8} = \frac{20}{32} \quad \frac{11^{12}}{16} = \frac{16}{32} \quad \frac{1^{12}}{16} = \frac{2}{32}$$

$$\frac{3^{12}}{16} = \frac{6}{32} \quad \frac{7^{12}}{8} = \frac{28}{32} \quad \frac{3^{12}}{8} = \frac{12}{32} \quad \frac{15^{12}}{16} = \frac{30}{32}$$

A 292

$$\frac{128}{2} = \frac{48}{96}$$

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

$$\frac{5}{8} = \frac{15}{24}$$

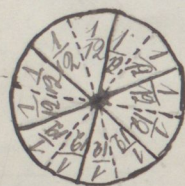
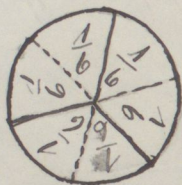
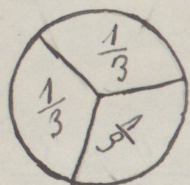
$$\frac{11}{16} = \frac{33}{48}$$

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

$$\frac{3}{16} = \frac{9}{48}$$

$$\frac{7}{8} = \frac{21}{24}$$

$$\frac{8}{8} = \frac{15}{15}$$



A 337) II jaotuse puhul 10 mk. 3 jaotuse puhul 5 mk.

A 338) Kui kook jaotati esimest viisi sai temast 3 poissi. II, 6 III 12 poisile

A 339) järel jääb $\frac{2}{3}$ kooki kui ära võtta $\frac{1}{3}$
 " " $\frac{1}{6}$ " " " $\frac{1}{6}$
 " " $\frac{4}{12}$ " " " $\frac{5}{12}$

A 340) Kumbki laps sai $\frac{1}{6}$ kooki.

A 341) Kooki on nad ostnud $\frac{6}{12}$ kooki.

A 342) Tuli osta $1\frac{1}{2}$ kooki.

A 343) 2 kookist saab $\frac{6}{3}$ lapsele

$$3 \text{ " " } \frac{2}{3} \text{ "}$$

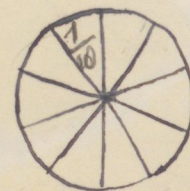
$$4 \text{ " " } \frac{12}{3} \text{ "}$$

$$5 \text{ " " } \frac{15}{3} \text{ "}$$

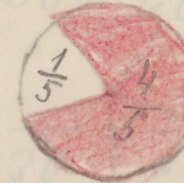
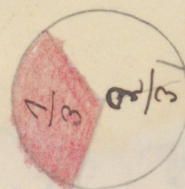
$$2\frac{1}{3} \text{ " " } \frac{7}{3} \text{ "}$$

$$4\frac{2}{3} \text{ " " } \frac{14}{3} \text{ "}$$

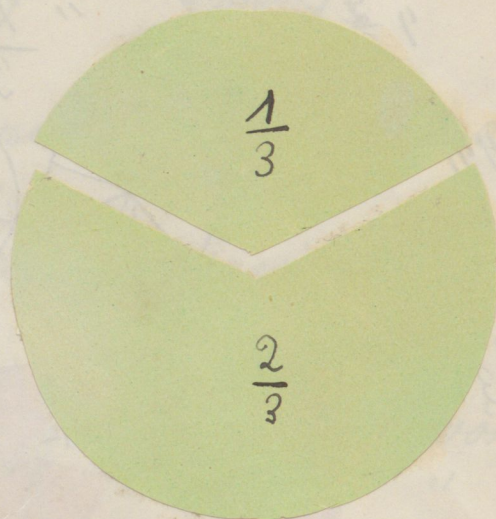
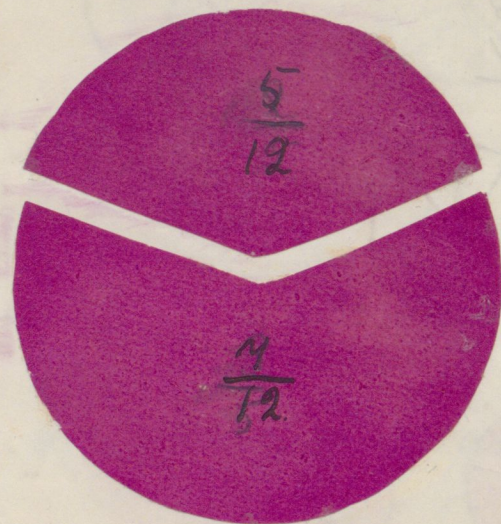
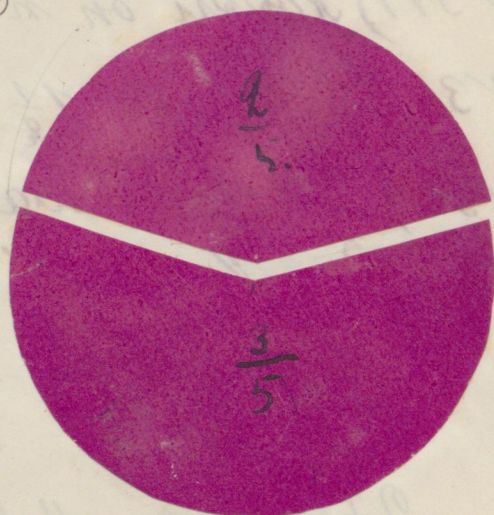
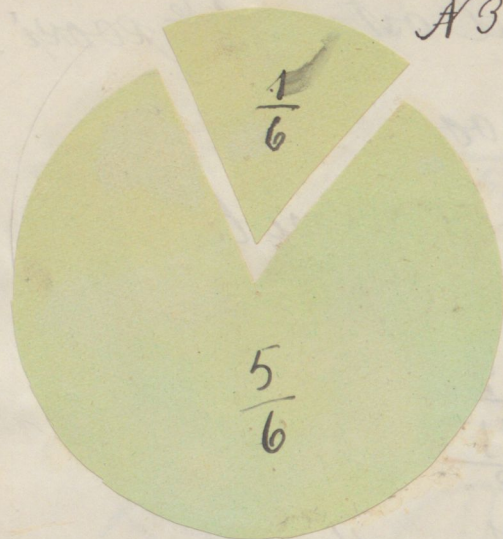
A 344)



A 345)



A346



A347

$$\begin{aligned} 1 &= \frac{3}{3} = \frac{6}{6} = \frac{12}{12} = \frac{24}{24} = \frac{48}{48} = \frac{96}{96} = \frac{5}{5} = \frac{10}{10} \\ 2 &= \frac{6}{3} = \frac{12}{6} = \frac{24}{12} = \frac{48}{24} = \frac{96}{48} = \frac{192}{96} = \frac{10}{5} = \frac{20}{10} \\ 5 &= \frac{15}{3} = \frac{30}{6} = \frac{60}{12} = \frac{120}{24} = \frac{240}{48} = \frac{480}{96} = \frac{25}{5} = \frac{50}{10} \\ 1\frac{1}{2} &= \frac{9}{6} = \frac{18}{12} = \frac{36}{24} = \frac{72}{48} = \frac{144}{96} = \frac{15}{5} = \frac{30}{10} \\ 2\frac{1}{2} &= \frac{15}{6} = \frac{30}{12} = \frac{60}{24} = \frac{120}{48} = \frac{240}{96} = \frac{25}{5} = \frac{50}{10} \end{aligned}$$

A348

$$\begin{aligned} \frac{1}{3} &= \frac{2}{6} = \frac{4}{12} = \frac{8}{24} = \frac{16}{48} = \frac{32}{96} = \frac{10}{30} = \frac{20}{60} \\ \frac{2}{3} &= \frac{4}{6} = \frac{8}{12} = \frac{16}{24} = \frac{32}{48} = \frac{64}{96} = \frac{20}{30} = \frac{40}{60} \\ \frac{1}{6} &= \frac{1}{6} = \frac{2}{12} = \frac{4}{24} = \frac{8}{48} = \frac{16}{96} = \frac{5}{30} = \frac{10}{60} \\ \frac{5}{6} &= \frac{5}{6} = \frac{10}{12} = \frac{20}{24} = \frac{40}{48} = \frac{80}{96} = \frac{25}{30} = \frac{50}{60} \\ \frac{1}{12} &= \frac{2}{24} = \frac{4}{48} = \frac{8}{96} = \frac{16}{192} = \frac{5}{60} \end{aligned}$$

$$\frac{5}{12} = \frac{5}{6} = \frac{5 \cdot 10}{12 \cdot 24} = \frac{20}{48} = \frac{40}{96} = \frac{1}{3} = \frac{25}{60}$$

$$\frac{11}{12} = \frac{11}{6} = \frac{11 \cdot 22}{12 \cdot 24} = \frac{44}{48} = \frac{88}{96} = \frac{55}{60}$$

$$\frac{12}{3} = \frac{8}{6} = \frac{16}{12} = \frac{32}{24} = \frac{64}{48} = \frac{128}{96} = \frac{50}{30} = \frac{100}{60}$$

$$\frac{11}{6} = \frac{7}{6} = \frac{14}{12} = \frac{28}{24} = \frac{56}{48} = \frac{112}{96} = \frac{35}{30} = \frac{70}{60}$$

$$2\frac{1}{12} = \frac{25}{6} = \frac{25}{12} = \frac{50}{24} = \frac{100}{48} = \frac{200}{96} = \frac{125}{60}$$

#349

$$\frac{3^{24}}{4} = \frac{42}{96} = 42 \text{ sol.}$$

$$\frac{5^{42}}{8} = \frac{60}{96} = 60 \text{ sol.}$$

$$\frac{7^{16}}{16} = \frac{42}{96} = 42 \text{ sol.}$$

$$\frac{13^{32}}{32} = \frac{39}{96} = 39 \text{ sol.}$$

$$24 \text{ sol.} = \frac{1}{4} n.$$

$$8 \text{ " } = \frac{1}{24} n.$$

$$2 \text{ " } = \frac{1}{96} n.$$

$$1 \text{ " } = \frac{1}{192} n.$$

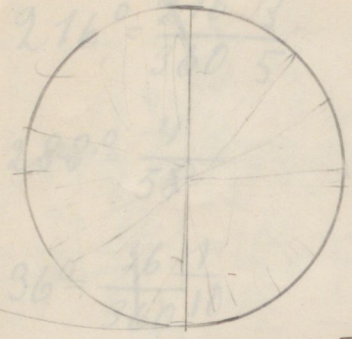
$$1s. = \frac{1}{96} \text{ tt}$$

$$48 = \frac{48}{96} \text{ tt} = \frac{1}{2} \text{ tt}$$

$$24 = \frac{24}{96} \text{ tt} = \frac{1}{4} \text{ tt}$$

$$8 = \frac{8}{96} \text{ tt} = \frac{1}{12} \text{ tt}$$

$$20 = \frac{2}{96} = \frac{1}{48} \text{ tt}$$



$\frac{1}{2}$ ringist on 180°

$\frac{2}{3}$ " " 240°

$\frac{3}{4}$ " " 270°

$\frac{2}{5}$ " " 144°

$\frac{4}{5}$ " " 280°

$\frac{5}{6}$ " " 300°

$\frac{5}{12}$ " " 450°

$\frac{11}{24}$ " " 165°

$$180^\circ = \frac{1}{2} \text{ ringist.}$$

$$90^\circ = \frac{1}{4} \quad "$$

$$45^\circ = \frac{1}{8} \quad "$$

$$135^\circ = \frac{3}{8} \quad "$$

$$120^\circ = \frac{1}{3} \quad "$$

$$240^\circ = \frac{1}{6} \quad "$$

$$60^\circ = \frac{1}{6} \quad "$$

$$300^\circ = \frac{300}{360} \quad "$$

$$30^\circ = \frac{30}{360} \quad "$$

$$150^\circ = \frac{150}{360} \quad "$$

$$330^\circ = \frac{330}{360} \quad "$$

$$72^\circ = \frac{1}{5} \quad "$$

$$144^\circ = \frac{2}{5} \quad "$$

$$216^\circ = \frac{216}{360} = \frac{3}{5}$$

~~#356.~~

$$288^\circ = \frac{4}{5}$$

$$36^\circ = \frac{36}{360} = \frac{1}{10}$$

$$108^\circ = \frac{108}{360} = \frac{3}{10}$$

$$252^\circ = \frac{252}{360}$$

$$314^\circ = \frac{314}{360}$$

$$1 = \frac{1}{60} \text{ turnist.}$$

$$\frac{1}{2} = \frac{1}{30} \quad "$$

$$\frac{1}{4} = \frac{1}{15} \quad "$$

~~#356.~~

$$15 = \frac{1}{4} \text{ turnist.}$$

$$48 = \frac{4}{5} \text{ turnist}$$

$$45 = \frac{3}{4} \quad "$$

$$60 = 1 \quad "$$

$$12 = \frac{1}{5} \quad "$$

$$5 = \frac{1}{12} \quad "$$

$$24 = \frac{2}{5} \quad "$$

$$25 = \frac{5}{12} \quad "$$

$$35 = \frac{7}{12} \quad "$$

A 309.

$$\begin{array}{ll}
 1) \frac{1}{2} + \frac{1}{4} = \frac{3}{4} & 2) \frac{3}{4} - \frac{1}{4} = \frac{2}{4} \\
 \frac{3}{4} + \frac{1}{2} = 1\frac{1}{4} & 1 - \frac{1}{8} = \frac{7}{8} \\
 \frac{1}{8} + \frac{1}{4} = \frac{3}{8} & \frac{7}{8} - \frac{3}{8} = \frac{4}{8} \\
 \frac{3}{16} + \frac{3}{8} = \frac{9}{16} & \frac{1}{2} - \frac{1}{8} = \frac{3}{8} \\
 \frac{5}{8} + \frac{3}{8} = 1 & \frac{1}{2} - \frac{1}{16} = \frac{7}{16} \\
 \frac{3}{4} + \frac{3}{8} = \frac{9}{8} & \frac{1}{4} - \frac{1}{8} = \frac{1}{8} \\
 \frac{1}{2} + \frac{3}{16} = \frac{11}{16} & \frac{3}{8} - \frac{1}{4} = \frac{1}{8}
 \end{array}$$

A 311

$$\begin{array}{l}
 \frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} = \frac{15}{16} \\
 \frac{3}{16} + \frac{1}{8} + \frac{1}{32} = \frac{11}{32} \\
 \frac{1}{2} + \frac{3}{4} + \frac{5}{8} = \frac{15}{8}
 \end{array}$$

$$\frac{3}{4} + \frac{1}{8} - \frac{5}{16} = \frac{19}{16} = 1\frac{3}{16}$$

$$\frac{1}{4} - \frac{1}{8} + \frac{3}{32} = \frac{7}{32}$$

$$\frac{1}{2} + \frac{5}{8} - \frac{11}{16} = \frac{7}{16}$$

$$\frac{15}{16} - \frac{7}{8} + \frac{3}{4} = \frac{13}{16}$$

$$\frac{9}{32} + \frac{1}{4} - \frac{1}{2} = \frac{1}{16}$$

A 310

$$\frac{1}{2} - \frac{3}{8} = \frac{1}{8}$$

$$\frac{1}{4} - \frac{3}{16} = \frac{1}{16}$$

$$\frac{5}{16} - \frac{1}{4} = \frac{1}{16}$$

$$\frac{1}{8} - \frac{8}{64} = 0$$

$$\frac{1}{8} - \frac{3}{32} = \frac{1}{32}$$

$$\frac{3}{4} - \frac{21}{32} = \frac{3}{32}$$

$$\frac{3}{4} - \frac{11}{16} = \frac{1}{16}$$

$$\frac{12}{32} - \frac{3}{8} = 0$$

$$\frac{3}{8} - \frac{5}{16} = \frac{1}{16}$$

$$\frac{17}{32} - \frac{1}{2} = \frac{1}{32}$$

$$\frac{1}{2} - \frac{7}{16} = \frac{1}{16}$$

$$\frac{4}{10} - \frac{1}{4} = 0$$

A 312

$$\frac{1}{2} + \frac{1}{4} + \frac{1}{8} + \frac{1}{16} + \frac{1}{32} + \frac{1}{64} = \frac{63}{64}$$

$$1 + \frac{1}{4} + \frac{1}{16} + \frac{1}{64} + \frac{1}{256} = 1\frac{10085}{256}$$

$$1 - \frac{1}{2} - \frac{1}{4} - \frac{1}{8} - \frac{1}{16} = \frac{1}{16}$$

$$1 - \frac{1}{4} - \frac{1}{16} - \frac{1}{64} - \frac{1}{128} = \frac{85}{128}$$

A 313

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

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

$$3\frac{1}{8} + \frac{3}{8} = 3\frac{4}{8} = 3\frac{1}{2}$$

$$8\frac{3}{4} \cdot 1$$

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

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

$$8\frac{3}{4} + 1\frac{1}{4} = 10\frac{1}{4}$$

$$3\frac{1}{8} - \frac{1}{8} = 3\frac{0}{8} = 3\frac{4}{8} = 3\frac{1}{2}$$

$$4\frac{1}{4} + 15 = 19\frac{1}{4}$$

$$16 - \frac{1}{8} = 15\frac{1}{8}$$

$$12\frac{1}{4} + 7\frac{3}{4} = 20$$

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

$$10\frac{7}{16} + 9\frac{4}{32} = 19\frac{18}{32}$$

Lahendus.

A 314.

I Kui palju pärmu osteti poest?

$$\frac{1}{4} + \frac{3}{8} + \frac{1}{16} + \frac{1}{8} + \frac{3}{16} + \frac{5}{8} + \frac{1}{32} = \frac{59}{32} = 1\frac{27}{32}$$

II Kui palju pärmu pidi kaup-
mees juurde tooma?

$$1\frac{20}{32} - 1\frac{16}{32} = \frac{4}{32} (m)$$

Vastus: kaupmees pidi ve juurde
 $\frac{5}{32}$ (m) juurde tooma.

Lahendus.

A 315.

I

$$5\frac{1}{2} + 5\frac{1}{2} = 11$$

Lahendus. A 315.

$$\text{I} \quad 5\frac{1}{2} - 3\frac{3}{4} = 1\frac{23}{34} \text{ (m)}$$

$$\text{II} \quad 5\frac{1}{2} + 5\frac{1}{2} + 3\frac{3}{4} + 3\frac{3}{4} = 18\frac{1}{2} \text{ (m)}$$

Lahendus. A 316.

I Kui kõrged on maja?

$$4\frac{1}{2} + 3\frac{3}{4} + 3\frac{3}{8} = 11\frac{5}{8}$$

II Kui palju on esimene kord kõrgem kui teine?

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

III Kumb on kõrgem kas teine või kolmas kord?

$$3\frac{3}{4} - 3\frac{3}{8} = \frac{3}{8} \text{ (m)}$$

IV Kumb on kõrgem kas teine või kolmas

IV Kui palju on esimene kord kõrgem kui kolmas?

$$4\frac{1}{8} - 3\frac{3}{8} = 1\frac{3}{8}$$

A 373.

Liktmurru

Liigmurru.

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A 322

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

$$\frac{15}{24} = 3\frac{3}{24} = 3\frac{1}{8}$$

$$\frac{18}{9} = 2$$

$$\frac{16}{8} = 2$$

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

$$\frac{36}{12} = 3$$

$$\frac{12}{12} = 1 \quad \frac{15}{15} = 2 \quad \frac{2x}{x} = 2$$

$$\frac{11}{5} = 2\frac{1}{5} \quad 2\frac{2}{2} = 3 \quad \frac{3y}{y} = 3$$

$$\frac{30}{10} = 3 \quad \frac{a}{a} = 1$$

A 377.

Täisarvud

$$\frac{12}{3}$$

$$\frac{24}{8}$$

$$\frac{45}{15}$$

$$\frac{125}{25}$$

$$\frac{96}{16}$$

$$\frac{162}{9}$$

Segaarvud

$$\frac{31}{6} \quad \frac{515}{25}$$

$$\frac{51}{4} \quad \frac{84}{16}$$

$$\frac{42}{8} \quad \frac{116}{64}$$

$$\frac{65}{3}$$

$$\frac{81}{3}$$

$$\frac{46}{6}$$

a) lihtmurd b) liimurd

$$\frac{2}{3} \quad "$$

$$\frac{5}{12} \quad "$$

$$\frac{11}{15} \quad "$$

$$\frac{2}{2} \quad "$$

$$\frac{5}{5} \quad "$$

$$\frac{4}{6} \quad "$$

$$\frac{32}{16} \quad "$$

$\frac{a+3}{2}$ liigmurd.

$$\frac{12}{10} \quad "$$

$\frac{a}{a+3}$ lihtmurd

$$\frac{8}{8} \quad "$$

$\frac{a+c}{a}$ liigmurd.

$$\frac{10}{5} \quad "$$

$\frac{a}{a+c}$ lihtmurd

$$\frac{30}{10} \quad "$$

$$\frac{b}{b} \quad "$$

$$\frac{b}{b} \quad "$$

$$\frac{c}{c} \quad "$$

$$\frac{a+2}{a+2} \quad "$$

$$\frac{a+2}{a+2} \quad "$$

$$\frac{a+c}{a+c} \quad "$$

$$\frac{a+c}{a+c}$$

~~$\frac{a}{a+c}$~~ liht

A 381.

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

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

$$\frac{2}{3} + \frac{5}{6} = \frac{9}{6} = 1\frac{3}{6}$$

$$\frac{1}{12} - \frac{1}{24} = \frac{1}{24}$$

$$\frac{1}{3} + \frac{1}{12} = \frac{5}{12}$$

$$\frac{1}{2} - \frac{1}{3} = \frac{1}{6}$$

$$\frac{5}{6} + \frac{1}{12} = \frac{11}{12} = 1\frac{5}{12}$$

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

A 383.

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

$$\frac{1}{15} + \frac{1}{30} + \frac{1}{60} = \frac{4}{60}$$

$$\frac{6}{5} + \frac{5}{12} + \frac{5}{24} = \frac{35}{24}$$

$$\frac{1}{5} + \frac{1}{30} + \frac{4}{60} = \frac{21}{60} = \frac{7}{20}$$

$$\frac{1}{3} + \frac{1}{6} + \frac{1}{24} = \frac{13}{24}$$

$$\frac{1}{5} + \frac{1}{15} + \frac{1}{30} = \frac{2}{10} = \frac{1}{5}$$

$$\frac{1}{2} + \frac{1}{3} + \frac{5}{24} = 1\frac{1}{24}$$

$$\frac{1}{12} + \frac{4}{30} + \frac{13}{60} =$$

A 354

$$12 - 6 = 180^\circ = \frac{1}{2}$$

$$12 - 1 = 30^\circ = \frac{1}{12}$$

$$12 - 2 = 60^\circ = \frac{1}{6}$$

$$12 - 3 = 90^\circ = \frac{1}{4}$$

$$12 - 4 = 120^\circ = \frac{1}{3}$$

$$12 - 5 = 150^\circ = \frac{1}{2}$$

$$12 - 6 = 180^\circ = \frac{1}{2}$$

$$12 - 7 = 210^\circ = \frac{1}{4}$$

$$12 - 8 = 240^\circ = \frac{1}{6}$$

$$12 - 9 = 270^\circ = \frac{1}{3}$$

$$12 - 10 = 300^\circ = \frac{1}{4}$$

$$12 - 11 = 330^\circ = \frac{1}{6}$$

$$12 - 12 = 360^\circ =$$

$$\frac{1}{30} + \frac{1}{60} + \frac{1}{120} = \frac{4}{120}$$

$$\frac{1}{3} + \frac{1}{12} + \frac{1}{120} = \frac{51}{120} = \frac{17}{40}$$

$$\frac{5}{6} + \frac{1}{30} + \frac{11}{120} = \frac{139}{120} = 1\frac{19}{120}$$

$$\frac{1}{3} + \frac{1}{15} = \frac{13}{120} = \frac{61}{120}$$

A 356.

$$15 \frac{1}{m} = \frac{1}{4} t$$

$$45 \frac{3}{m} = \frac{3}{4} t$$

$$12 \frac{12}{m} = \frac{12}{60} t$$

$$24 \frac{1}{m} =$$

$$48 \frac{1}{m} =$$

$$60 \frac{1}{m} =$$

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

$$\frac{1}{3} + \frac{1}{5} = \frac{8}{15}$$

$$\frac{1}{3} - \frac{1}{5} = \frac{2}{15}$$

$$\frac{1}{4} + \frac{1}{5} = \frac{9}{20}$$

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

$$\frac{1}{15} + \frac{1}{30} = \frac{3}{30}$$

$$\frac{1}{15} - \frac{1}{30} = \frac{1}{30}$$

$$\frac{1}{30} + \frac{1}{60} = \frac{3}{60}$$

$$\frac{1}{30} - \frac{1}{60} = \frac{1}{60}$$

#385

$$\frac{1}{2} + \frac{1}{5} + \frac{1}{10} = \frac{8}{10} = \frac{4}{5}$$

$$\frac{1}{5} + 0,8 + \frac{2}{20} + \frac{27}{20} = 1\frac{7}{20}$$

$$\frac{10}{5} + 0,1 + \frac{1}{50} = \frac{16}{50} = \frac{8}{25}$$

$$\frac{3}{5} + 0,2 + 0,25 = \frac{12+15}{20} = \frac{27}{20} = 1\frac{7}{20}$$

#378

$$\frac{2}{3} = \frac{6}{9} (3)$$

$$\frac{2}{3} = \frac{12}{18} (6)$$

$$\frac{2}{3} = \frac{14}{21} (7)$$

$$\frac{5}{8} = \frac{25}{40} (8)$$

$$\frac{5}{8} = \frac{45}{72} (9)$$

$$\frac{5}{8} = \frac{50}{80} (10)$$

$$\frac{16}{20} + \frac{14}{25} + \frac{1}{50} = \frac{11}{100}$$

$$\frac{34}{25} + \frac{42}{50} + 0,85 = \frac{12+14+85}{100} = \frac{111}{100} = 1\frac{11}{100}$$

$$0,3 + \frac{11}{50} + 0,36 = \frac{30+22+36}{100} = \frac{88}{100} = \frac{22}{25}$$

$$\frac{320}{50} + 0,15 + 0,115 = \frac{60+150+115}{1000} = \frac{325}{1000} = \frac{13}{40}$$

$$\frac{1}{3} + \frac{1}{5} = \frac{8}{15}$$

~~1~~

0,025

#379

$$\frac{1}{3} = \frac{2}{6} (2) \frac{5}{15} (5) \frac{3}{9} (3) \frac{6}{18} (6) \frac{4}{12} (4) \frac{8}{24} (8) \frac{1}{27}$$

$$(7) \frac{2}{24} (7) \frac{10}{30} (10) \frac{5}{6} = \frac{10}{12} (2) \frac{25}{30} (5) \frac{15}{18}$$

$$(3) \frac{30}{36} (6) \frac{20}{24} (4) \frac{40}{48} (8) \frac{35}{42} (7) \frac{45}{54} (9) \frac{50}{60}$$

$$(10) (8) \frac{35}{42} (7) \frac{45}{54} (9) \frac{50}{60} (10)$$

$$\frac{4}{5} = \frac{8}{10} (2) \frac{20}{25} (5) \frac{12}{15} (3) \frac{24}{30} (6) \frac{16}{20} (4) \frac{32}{40}$$

$$\frac{55}{12} + \frac{7}{60} = \frac{32}{60}$$

$$\frac{55}{12} - \frac{7}{60} = \frac{3}{10}$$

$$\frac{1}{30} + \frac{1}{120} = \frac{6}{120}$$

$$\frac{1}{30} + \frac{1}{120} = \frac{4}{120}$$

$$\frac{1}{60} + \frac{1}{120} = \frac{4}{120}$$

$$\frac{1}{60} + \frac{1}{120} = \frac{2}{120}$$

$$\frac{1}{2} + \frac{1}{60} = \frac{31}{60}$$

$$\frac{1}{2} - \frac{1}{60} = \frac{29}{60}$$

#383

$$\frac{125}{4} + \frac{1}{25} = \frac{29}{100}$$

$$\frac{125}{4} - \frac{1}{25} = \frac{21}{100}$$

$$\frac{1}{2} + \frac{1}{50} = \frac{26}{50}$$

$$\frac{1}{2} - \frac{1}{50} = \frac{24}{50}$$

$$\frac{200}{5} + \frac{5}{100} = \frac{45}{100}$$

$$\frac{2}{5} - \frac{5}{100} = \frac{35}{100}$$

$$\frac{400}{25} + \frac{125}{1000} = \frac{405}{1000}$$

$$\frac{4}{25} - \frac{125}{1000} = \frac{155}{1000}$$

$$\frac{1^{60}}{2} + \frac{28}{100} = \frac{48}{100}$$

$$\frac{1}{2} - \frac{28}{100} = \frac{22}{100}$$

$$\frac{1^{25}}{4} + \frac{16}{100} = \frac{41}{100}$$

$$\frac{1^{25}}{4} - \frac{16}{100} = \frac{9}{100}$$

$$\frac{1^{20}}{50} + \frac{3}{1000} = \frac{23}{1000}$$

$$\frac{1}{50} - \frac{3}{1000} = \frac{17}{1000}$$

$$\frac{3^{200}}{5} + \frac{12}{1000} = \frac{212}{1000}$$

$$\frac{3}{5} - \frac{12}{1000} = \frac{188}{1000}$$

$$\frac{1}{4} + \frac{1}{8} = \frac{3}{8}$$

$$\frac{2^5}{3} + \frac{1^3}{5} = \frac{183}{15}$$

$$\frac{3^5}{4} + \frac{1^2}{10} = \frac{17}{20}$$

A380.

$$\frac{1}{2} = \frac{6}{12} = \frac{12}{24}$$

$$\frac{2}{3} = \frac{8}{12} = \frac{16}{24}$$

$$\frac{1}{4} = \frac{3}{12} = \frac{6}{24}$$

$$\frac{3}{4} = \frac{9}{12} = \frac{18}{24}$$

$$\frac{1}{6} = \frac{2}{12} = \frac{4}{24}$$

$$\frac{5}{6} = \frac{10}{12} = \frac{20}{24}$$

$$30^\circ = 12 \times \frac{1}{2}$$

$$\frac{4}{12} = 120^\circ$$

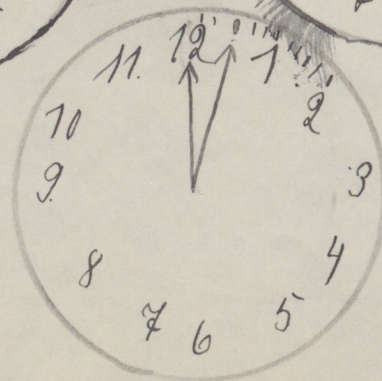
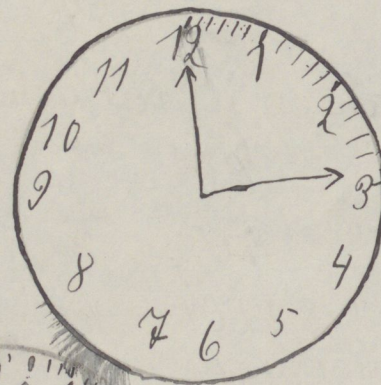
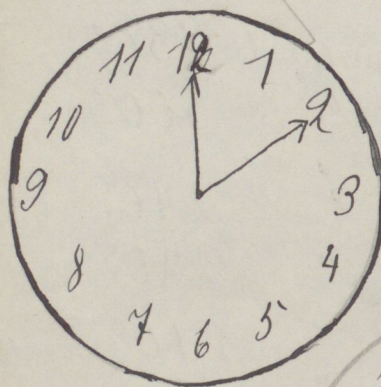
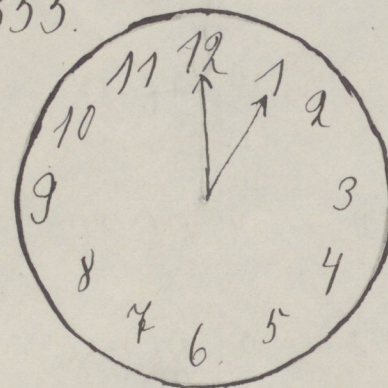
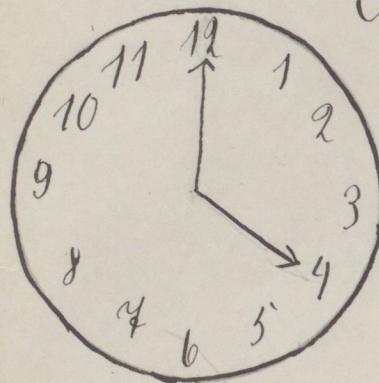
$$50\% + 28\% = 78\%$$

$$50\% - 28\% = 22\%$$

$$25\% + 16\% = 41\%$$

$$25\% - 16\% = 9\%$$

A355.



$\frac{3}{4}$ tundi on 45 minutid

$\frac{2}{34}$ " " 40 "

$\frac{4}{12}$ " " 35 "

$\frac{3}{5}$ " " 36 "

$\frac{3}{10}$ " " 30 18 "

$\frac{5}{10}$ " " 50 30 "

$\frac{8}{10}$ " " 80 48 "

A 354

12-1 vahe on 30° väljaspool ringist 330°

12-2 " " 60° " 300°

12-3 " " 90° " 270°

12-4 " " 120° " 240°

12-5 " " 150° " 210°

12-6 " " 180° " 180°

12-7 " " 210° " 150°

12-8 " " 240° " 120°

12-9 " " 270° " 90°

12-10 " " 300° " 60°

12-10 vahe on 330 väljaspool ringist 30°