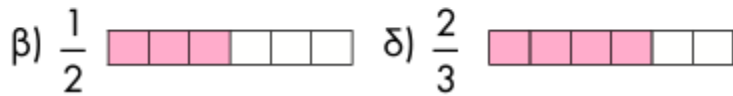
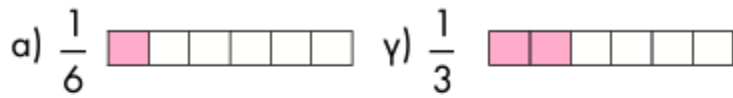


## ΛΥΣΕΙΣ ΜΑΘΗΜΑΤΙΚΩΝ 03-05-2022



α) 40 λ., β) 75 εκ., γ) 800 γρ., δ) 40 λ.,  
ε) 20, στ) 24

| Κλάσματα μικρότερα από την ακέραιη μονάδα | Κλάσματα ίσα με την ακέραιη μονάδα | Κλάσματα μεγαλύτερα από την ακέραιη μονάδα |
|---|------------------------------------|--|
| $\frac{1}{5}$                             | $\frac{9}{9}$                      | $\frac{7}{5}$                              |
| $\frac{4}{7}$                             | $\frac{5}{5}$                      | $\frac{15}{14}$                            |
| $\frac{14}{15}$                           | $\frac{12}{12}$                    | $\frac{3}{2}$                              |

| Κλάσματα         | Διαίρεση | Πηλίκο | Υπόλοιπο | Μεικτός αριθμός  |
|------------------|----------|--------|----------|------------------|
| $\frac{31}{7}$   | 31 : 7   | 4      | 3        | $4\frac{3}{7}$   |
| $\frac{38}{12}$  | 38 : 12  | 3      | 2        | $3\frac{2}{12}$  |
| $\frac{225}{50}$ | 225 : 50 | 4      | 25       | $4\frac{25}{50}$ |

α)  $\frac{1}{2} = \frac{4}{8} = \frac{5}{10}$ , β)  $\frac{3}{4} = \frac{6}{8} = \frac{75}{100}$

$$\alpha) \frac{12}{36} = \frac{12:12}{36:12} = \frac{1}{3}, \beta) \frac{16}{40} = \frac{16:8}{40:8} = \frac{2}{5},$$

$$\gamma) \frac{16}{80} = \frac{16:16}{80:16} = \frac{1}{5}, \delta) \frac{24}{60} = \frac{24:12}{60:12} = \frac{2}{5},$$

$$\epsilon) \frac{27}{63} = \frac{27:9}{63:9} = \frac{3}{7}, \sigma\tau) \frac{60}{144} = \frac{60:12}{144:12} = \frac{5}{12},$$

$$\zeta) \frac{35}{56} = \frac{35:7}{56:7} = \frac{5}{8}, \eta) \frac{25}{150} = \frac{25:25}{150:25} = \frac{1}{6}.$$

$$\alpha) \frac{3}{5} < \frac{4}{5}, \beta) \frac{9}{12} > \frac{5}{12}, \gamma) \frac{4}{7} > \frac{4}{11},$$

$$\delta) \frac{9}{30} > \frac{9}{50}, \epsilon) \frac{11}{12} < \frac{13}{12}$$

$$\alpha) \frac{2}{5} + \frac{3}{4} \text{ (E.K.Π. = 20)} \rightarrow$$

$$\frac{2 \times 4}{5 \times 4} + \frac{3 \times 5}{4 \times 5} = \frac{8}{20} + \frac{15}{20} = \frac{23}{20} = 1 \frac{3}{20}$$

$$\beta) \frac{3}{5} - \frac{2}{6} \text{ (E.K.Π. = 30)} \rightarrow$$

$$\frac{3 \times 6}{5 \times 6} - \frac{2 \times 5}{6 \times 5} = \frac{18}{30} - \frac{10}{30} = \frac{8}{30} = \frac{8:2}{30:2} = \frac{4}{15}$$

$$\gamma) \frac{2}{8} + \frac{3}{4} + \frac{5}{12} \text{ (E.K.Π. = 24)} \rightarrow$$

$$\frac{2 \times 3}{8 \times 3} + \frac{3 \times 6}{4 \times 6} + \frac{5 \times 2}{12 \times 2} = \frac{6}{24} + \frac{18}{24} + \frac{10}{24} = \frac{34}{24} =$$

$$= 1 \frac{10}{24} = 1 \frac{10:2}{24:2} = 1 \frac{5}{12}$$