

20. Ισοδύναμα κλάσματα

1. Γράφω ισοδύναμα με τα παρακάτω κλάσματα.

α. Με μεγαλύτερους όρους:

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

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

α. Με μικρότερους όρους:

$$\frac{20}{80} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{24}{48} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

2. Συμπληρώνω τον κατάλληλο αριθμό, ώστε να γίνουν τα κλάσματα ισοδύναμα.

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

$$\frac{7}{\quad} = \frac{21}{27}$$

$$\frac{\quad}{2} = \frac{5}{10}$$

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

$$\frac{3}{15} = \frac{\quad}{45}$$

3. Από τα παρακάτω κλάσματα, επιλέγω τα κατάλληλα για να φτιάξω ζευγάρια ισοδύναμων κλασμάτων.

$$\frac{3}{5}, \frac{1}{5}, \frac{4}{8}, \frac{9}{15}, \frac{12}{24}, \frac{5}{25} \longrightarrow \frac{\quad}{\quad} = \frac{\quad}{\quad}, \frac{\quad}{\quad} = \frac{\quad}{\quad}, \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

4. Απλοποιώ τα παρακάτω κλάσματα ώστε να γίνουν ανάγωγα.

$$\bullet \frac{36}{90} = \frac{36:18}{90:18} = \frac{\quad}{\quad}$$

$$\bullet \frac{12}{30} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\text{ΜΚΔ}(36,90) = 18$$

$$\text{ΜΚΔ}(12,30) = \dots\dots\dots$$

$$\bullet \frac{8}{36} = \frac{\quad}{\quad}$$

$$\bullet \frac{14}{70} = \frac{\quad}{\quad}$$

$$\text{ΜΚΔ}(\dots\dots\dots) = \dots\dots\dots$$

$$\text{ΜΚΔ}(\dots\dots\dots) = \dots\dots\dots$$

$$\bullet \frac{9}{42} = \frac{\quad}{\quad}$$

$$\bullet \frac{6}{45} = \frac{\quad}{\quad}$$

$$\text{ΜΚΔ}(\dots\dots\dots) = \dots\dots\dots$$

$$\text{ΜΚΔ}(\dots\dots\dots) = \dots\dots\dots$$

$$\bullet \frac{12}{18} = \frac{\quad}{\quad}$$

$$\bullet \frac{15}{50} = \frac{\quad}{\quad}$$

$$\text{ΜΚΔ}(\dots\dots\dots) = \dots\dots\dots$$

$$\text{ΜΚΔ}(\dots\dots\dots) = \dots\dots\dots$$