

ΟΝΟΜΑ: _____

Ισοδυναμία κλασμάτων - Απλοποίηση κλασμάτων

1. Απλοποίησε τα κλάσματα:

$$\frac{8}{2} = \frac{\quad}{\quad} \quad \frac{9}{24} = \frac{\quad}{\quad} \quad \frac{7}{21} = \frac{\quad}{\quad} \quad \frac{35}{77} = \frac{\quad}{\quad} \quad \frac{12}{27} = \frac{\quad}{\quad} \quad \frac{40}{72} = \frac{\quad}{\quad}$$

2. Βρες ισοδύναμα κλάσματα:

α) με μεγαλύτερους όρους:

$$\frac{1}{5} = \frac{\quad}{\quad} \quad \frac{6}{8} = \frac{\quad}{\quad} \quad \frac{7}{11} = \frac{\quad}{\quad} \quad \frac{4}{7} = \frac{\quad}{\quad} \quad \frac{2}{9} = \frac{\quad}{\quad} \quad \frac{1}{4} = \frac{\quad}{\quad}$$

β) με μικρότερους όρους:

$$\frac{4}{12} = \frac{\quad}{\quad} \quad \frac{6}{24} = \frac{\quad}{\quad} \quad \frac{9}{15} = \frac{\quad}{\quad} \quad \frac{20}{45} = \frac{\quad}{\quad} \quad \frac{32}{56} = \frac{\quad}{\quad} \quad \frac{5}{35} = \frac{\quad}{\quad}$$

3. Φτιάξε τρία κλάσματα που να είναι ισοδύναμα με τα αρχικά:

$$\frac{3}{7} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} \quad \frac{48}{80} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$\frac{5}{10} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad} \quad \frac{25}{100} = \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

4. Συμπλήρωσε τη σειρά των ισοδύναμων κλασμάτων:

$$\alpha) \frac{2}{6} = \frac{\quad}{12} = \frac{6}{\quad} = \frac{8}{\quad} = \frac{\quad}{30} = \frac{\quad}{36} = \frac{\quad}{42}$$

$$\beta) \frac{3}{4} = \frac{6}{\quad} = \frac{\quad}{12} = \frac{12}{\quad} = \frac{\quad}{20} = \frac{18}{\quad} = \frac{\quad}{28}$$

5. Να μετατρέψεις τα κλάσματα σε ανάγωγα:

$$\frac{100}{145} = \frac{\quad}{\quad} \quad \frac{25}{75} = \frac{\quad}{\quad} \quad \frac{64}{96} = \frac{\quad}{\quad} \quad \frac{30}{60} = \frac{\quad}{\quad} \quad \frac{90}{120} = \frac{\quad}{\quad}$$

$$\frac{40}{56} = \frac{\quad}{\quad} \quad \frac{66}{99} = \frac{\quad}{\quad} \quad \frac{18}{60} = \frac{\quad}{\quad} \quad \frac{27}{72} = \frac{\quad}{\quad} \quad \frac{11}{16} = \frac{\quad}{\quad}$$