

Törtek összeadása, kivonása közös nevező kereséssel (1)

1. Végezd el a kivonásokat a minta alapján! Ahol lehet, **egyszerűsítsd** a végeredményt!

$$(1) \quad \frac{1}{4} - \frac{1}{12} = \frac{3}{12} - \frac{1}{12} = \frac{2}{12} = \frac{1}{6}$$

$$(2) \quad \frac{5}{6} - \frac{1}{30} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$(3) \quad \frac{3}{4} - \frac{3}{20} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$(4) \quad \frac{1}{3} - \frac{1}{12} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$(5) \quad \frac{7}{18} - \frac{1}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$(6) \quad \frac{2}{3} - \frac{1}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$(7) \quad \frac{1}{2} - \frac{3}{10} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$(8) \quad \frac{9}{14} - \frac{1}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

2. Végezd el az összeadásokat! Ahol lehet, **egyszerűsítsd** a végeredményt!

$$(1) \quad \frac{1}{12} + \frac{2}{3} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$(2) \quad \frac{1}{6} + \frac{1}{3} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$(3) \quad \frac{7}{30} + \frac{1}{6} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$(4) \quad \frac{5}{12} + \frac{1}{3} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$(5) \quad \frac{5}{28} + \frac{4}{7} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$(6) \quad \frac{7}{12} + \frac{1}{6} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$(7) \quad \frac{3}{4} + \frac{3}{20} = \text{---} + \text{---} = \text{---} = \text{---}$$

$$(8) \quad \frac{1}{8} + \frac{13}{24} = \text{---} + \text{---} = \text{---} = \text{---}$$

3. Végezd el kivonásokat! Ahol lehet, **egyszerűsítsd** a végeredményt!

$$(1) \quad \frac{13}{30} - \frac{1}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$(2) \quad \frac{19}{30} - \frac{1}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$(3) \quad \frac{9}{20} - \frac{1}{5} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$(4) \quad \frac{4}{5} - \frac{1}{20} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$(5) \quad \frac{1}{2} - \frac{1}{6} = \underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$(6) \quad \frac{1}{2} - \frac{1}{10} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$(7) \quad \frac{15}{28} - \frac{2}{7} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$(8) \quad \frac{1}{4} - \frac{1}{12} = \underline{\quad} - \underline{\quad} = \underline{\quad} = \underline{\quad}$$

4. Végezd el az összeadásokat! Ha az eredmény 1-nél nagyobb, írd át vegyes tört alakba a végeredményt a minta szerint (egyszerűsített alakban a tört részét)!

$$(1) \quad \frac{2}{3} + \frac{5}{6} = \frac{4}{6} + \frac{5}{6} = \frac{9}{6} = 1\frac{1}{2}$$

$$(2) \quad \frac{23}{24} + \frac{5}{8} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$(3) \quad \frac{3}{4} + \frac{5}{12} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$(4) \quad \frac{5}{6} + \frac{7}{24} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$(5) \quad \frac{5}{6} + \frac{29}{30} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$(6) \quad \frac{19}{24} + \frac{5}{8} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$(7) \quad \frac{1}{6} + \frac{23}{24} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

$$(8) \quad \frac{8}{9} + \frac{11}{18} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$