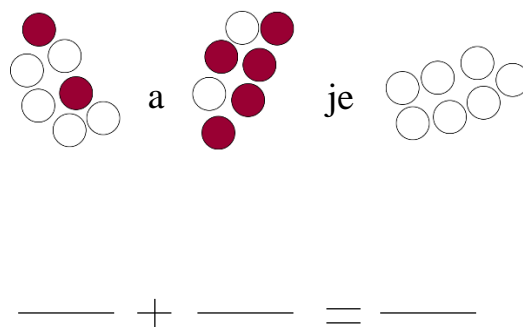
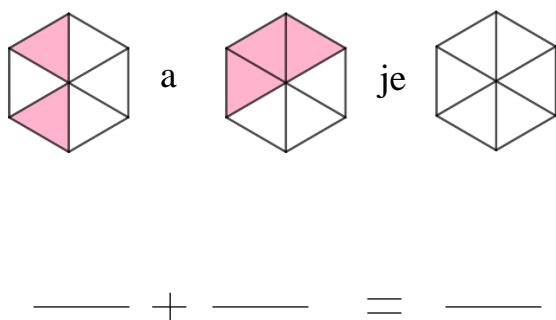
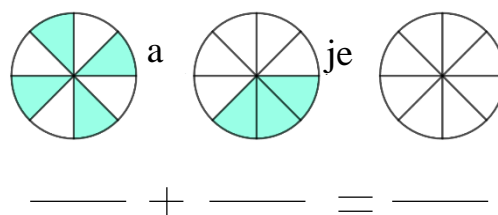
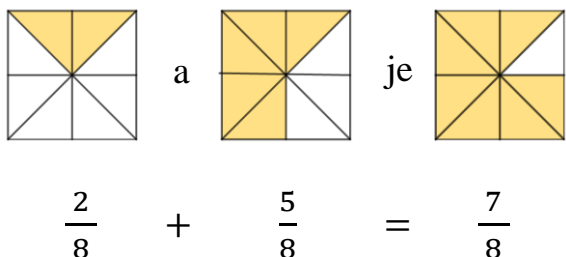


# SČÍTANIE A ODČÍTANIE ZLOMKOV

1. Zapiš zafarbené časti celku zlomkami a urči ich súčet. Pri výpočte využi obrázok. Postupuj podľa ukážky.

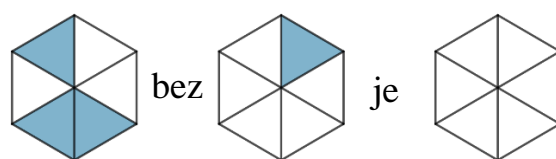
*ukážka:*



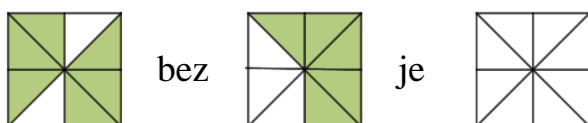
**2. Zapiš zafarbené časti celku zlomkami a urči ich rozdiel. Pri výpočte využi obrázok.**



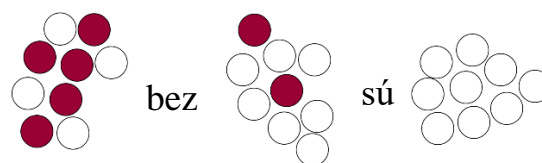
$$\frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



$$\frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



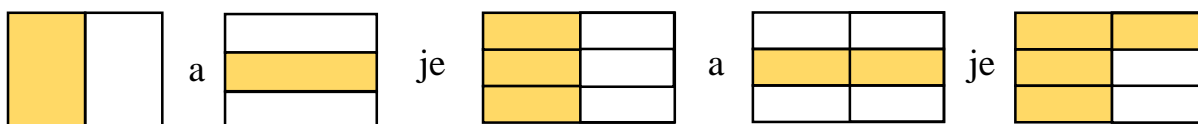
$$\frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



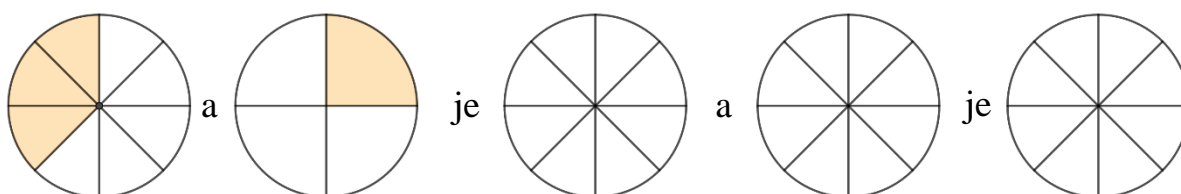
$$\frac{\quad}{\quad} - \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

**3. Zapiš zlomkom akú časť celku tvorí zafarbená časť útvaru. Následne sčítaj/odčítaj tieto zlomky. Znázorni toto sčítanie/odčítanie zlomkov na príslušnom modeli. Postupuj podľa ukážky.**

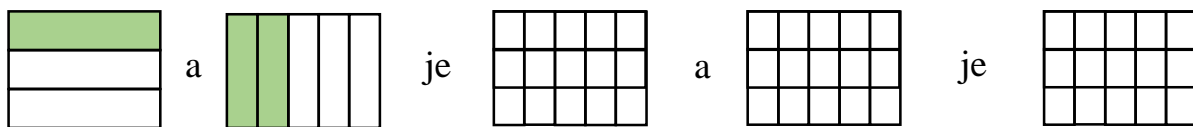
*ukážka:*



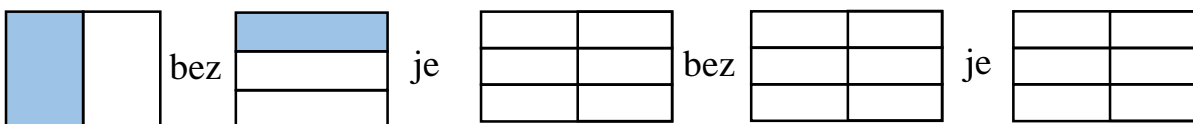
$$\frac{1}{2} + \frac{1}{3} = \frac{3}{6} + \frac{2}{6} = \frac{5}{6}$$



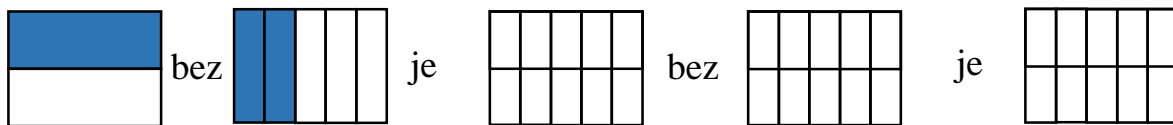
$$\frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{\quad}{\quad}$$



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



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



$$1 - \frac{2}{5} = \frac{\quad}{\quad}$$

#### 4. Vypočítaj.

a)  $\frac{3}{2} + \frac{1}{2} =$

f)  $\frac{3}{4} - \frac{1}{4} =$

b)  $\frac{4}{5} + \frac{3}{4} =$

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

c)  $\frac{5}{8} + \frac{4}{9} =$

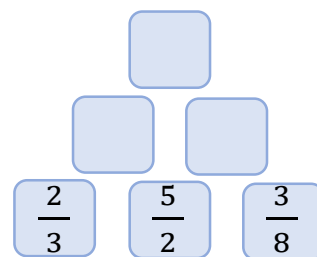
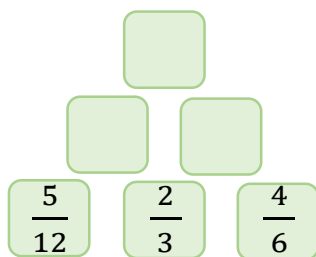
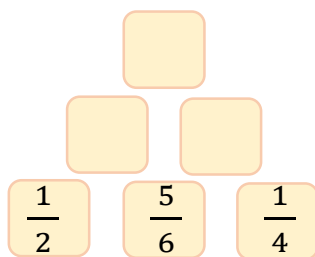
h)  $\frac{5}{8} - \frac{3}{5} =$

d)  $\frac{2}{4} + \frac{5}{7} =$

i)  $\frac{5}{6} - \frac{5}{18} =$

e)  $\frac{7}{8} + \frac{3}{7} =$

j)  $\frac{14}{6} - \frac{8}{4} =$

**5. Dopln sčítacie pyramídy zlomkami v základnom tvare.****6. Vypočítaj.**

a)  $\frac{3}{4} + \frac{1}{10} + \frac{1}{2} =$

g)  $\frac{7}{9} - \frac{4}{18} - \frac{1}{6} =$

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

h)  $\frac{5}{7} - \frac{4}{21} - \frac{1}{3} =$

c)  $\frac{1}{3} + \frac{2}{15} + \frac{1}{6} =$

i)  $\frac{8}{10} - \frac{4}{30} - \frac{3}{5} =$

d)  $\frac{3}{8} + \frac{2}{5} + \frac{1}{20} =$

j)  $\frac{4}{6} - \frac{4}{12} - \frac{1}{5} =$

e)  $\frac{1}{3} + \frac{2}{5} + \frac{4}{6}$

k)  $\frac{7}{8} - \frac{1}{2} - \frac{1}{4} =$

f)  $\frac{1}{4} + \frac{2}{9} + \frac{4}{6} =$

l)  $\frac{11}{15} - \frac{1}{30} - \frac{3}{5} =$

**7. Doplň čísla do prázdnych okienok.**

$$\frac{1}{5} \xrightarrow{+\frac{1}{2}} \square \xrightarrow{-\frac{4}{15}} \square \xrightarrow{-\frac{3}{10}} \square \xrightarrow{+\frac{1}{2}} \square$$

$$\frac{7}{8} \xrightarrow{-\frac{1}{4}} \square \xrightarrow{-\frac{1}{2}} \square \xrightarrow{+\frac{1}{12}} \square \xrightarrow{+\frac{1}{6}} \square$$

$$\frac{1}{2} \xrightarrow{+\frac{2}{3}} \square \xrightarrow{-\frac{1}{8}} \square \xrightarrow{-\frac{1}{12}} \square \xrightarrow{+\frac{3}{6}} \square$$

$$\square \xrightarrow{+\frac{1}{4}} \square \xrightarrow{+\frac{1}{2}} \square \xrightarrow{-\frac{5}{6}} \square \xrightarrow{+\frac{1}{3}} \frac{7}{9}$$