

# جمع و تفریق و تالاسیوها

(۱) تالاسی. [۲۴]

$$\frac{12}{12} = \frac{4}{1} \quad \text{و} \quad \frac{12}{12} = \frac{9}{9}$$

(۲) تالاسی. [۲۴]

$$\frac{4}{10} + \frac{1}{5} = \frac{4}{10} + \frac{2}{10} = \frac{6}{10}$$

$$\frac{4}{10} - \frac{1}{10} = \frac{3}{10}$$

نزدیکی (۳) ✓  $[۲۲] (۳)$

$$\frac{۳}{۱۲} > \frac{۱}{۴} = \frac{۳}{۱۲} \rightarrow \text{دو سر با هم مساوی اند}$$

$\xrightarrow{\times ۳}$   
 $\xleftarrow{\times ۳}$

$[۲۴] (۴)$

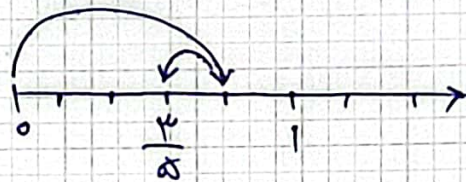
$$\frac{۲}{۹} + \frac{۴}{۱۸} = \frac{۴}{۱۸} + \frac{۴}{۱۸} = \frac{۸}{۱۸}$$

[۲۴] (۵)

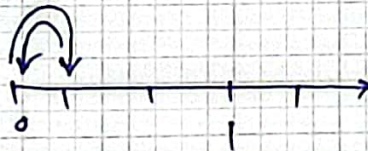
$$۱) \frac{۳}{۱۲} + \frac{۵}{۱۲} = \frac{۸}{۱۲}$$

$$۲) \frac{۴}{۹} - \frac{۲}{۹} = \frac{۲}{۹}$$

$$۳) \frac{۴}{۵} - \frac{۱}{۵} = \frac{۳}{۵}$$



$$۴) \frac{۱}{۳} - \frac{۱}{۳} = ۰$$



پایه ششم ریاضی است.

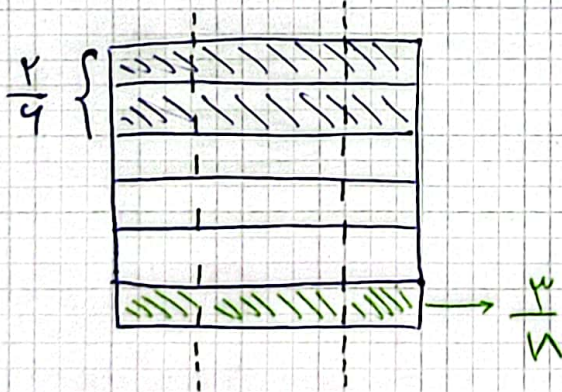
[۲۴] (۶)

$[24]_{(2)}$

$$\frac{12}{24} \xrightarrow{\div 4} \frac{3}{6} \xrightarrow{\div 2} \frac{1}{2}$$

$$\frac{21}{35} \xrightarrow{\div 7} \frac{3}{5}$$

$[22]_{(1)}$



$$\text{الف) } \frac{2}{4} \xrightarrow{\times 3} \frac{6}{12}$$

$$\Rightarrow \frac{2}{4} + \frac{3}{12} = \frac{6}{12} + \frac{3}{12} = \frac{9}{12}$$

$$\text{ب) } \frac{12}{12} - \frac{9}{12} = \frac{3}{12}$$

قسمت زیری مثل

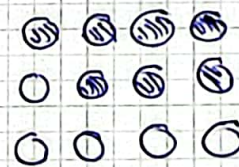
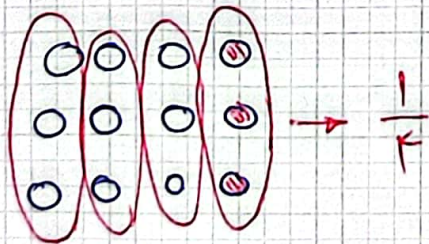
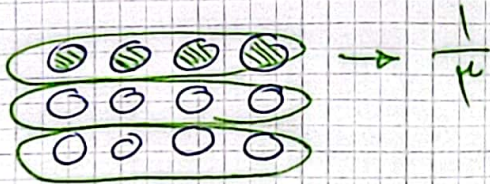
(9)  $[2v]$

$$\text{الف) } \frac{5}{12} + \frac{1}{4} = \frac{5}{12} + \frac{3}{12} = \frac{8}{12}$$

$\xrightarrow{\times 2}$   
 $\xrightarrow{\times 2}$

ب)  $\frac{12}{12} - \frac{4}{12} = \frac{8}{12}$

(10)  $[2v]$



بدون زنی  $\frac{5}{12}$

زنی  $\frac{7}{12}$

$[r_v]^{11}$

$$\frac{1}{12} + \frac{8}{12} + \frac{1}{4} + \square = 1$$

$$\downarrow \qquad \qquad \qquad \downarrow$$
$$\frac{1}{12} + \frac{8}{12} + \frac{1}{12} + \square = 1$$
$$\underbrace{\hspace{1.5cm}}_{= \frac{11}{12}}$$

$$\frac{11}{12} + \boxed{\frac{1}{12}} = \frac{12}{12} = 1$$