Repetăm ce am învățat!

1. a. $\frac{1}{2}$ b. $\frac{2}{3}$ c. $\frac{3}{5}$ d. $\frac{4}{6}$

2. a. $\frac{4}{8}$ = fracția părților colorate

$\frac{4}{8}$ = fracția părților necolorate

b. $\frac{2}{5}$ = fracția părților colorate

$\frac{3}{5}$ = fracția părților necolorate

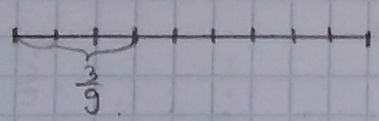
c. $\frac{4}{10}$ = fracția părților colorate

$\frac{6}{10}$ = fracția părților necolorate

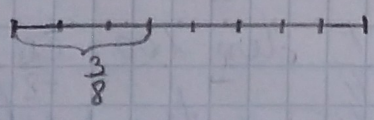
d. $\frac{3}{7}$ = fracția părților colorate

$\frac{4}{7}$ = fracția părților necolorate

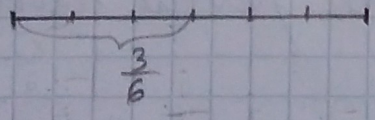
3. $\frac{3}{9}$



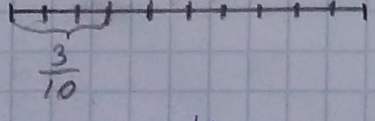
$\frac{3}{8}$



$\frac{3}{6}$



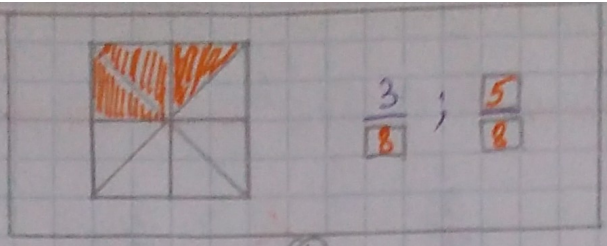
$\frac{3}{10}$.



$\frac{3}{6}$ - este fracția cea mai mare

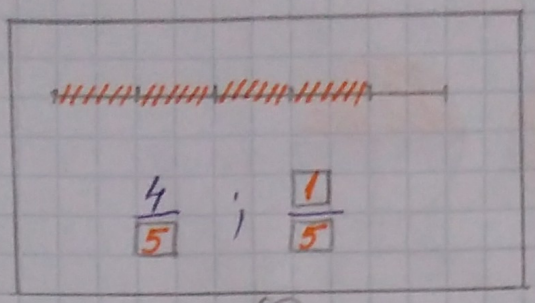
$\frac{3}{10}$ - este fracția cea mai mică

4.



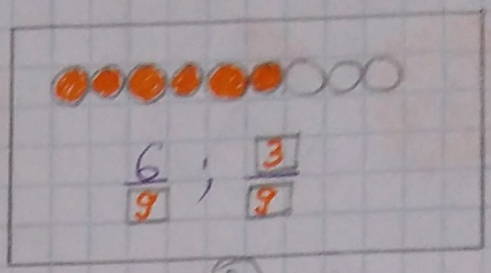
$\frac{3}{8}$; $\frac{5}{8}$

①



$\frac{4}{5}$; $\frac{1}{5}$

②



$\frac{6}{9}$; $\frac{3}{9}$

③

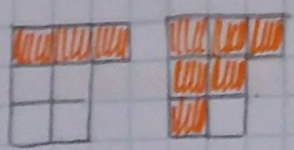
5. $\frac{3}{8} < \frac{8}{8}$ $\frac{9}{4} > \frac{4}{4}$ $\frac{7}{7} = \frac{7}{7}$ $\frac{4}{9} < \frac{9}{9}$ $\frac{9}{100} < \frac{100}{100}$

$\frac{20}{10} > \frac{10}{10}$ $\frac{7}{3} > \frac{3}{3}$ $\frac{8}{8} = \frac{8}{8}$ $\frac{3}{6} < \frac{6}{6}$ $\frac{10}{100} < \frac{100}{100}$

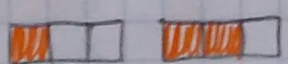
$\frac{100}{10} > \frac{10}{10}$ $\frac{9}{6} > \frac{6}{6}$

Fracții echiunitare	Fracții subunitare	Fracții supraunitare
$\frac{7}{7}$; $\frac{8}{8}$	$\frac{3}{8}$; $\frac{4}{9}$; $\frac{9}{100}$; $\frac{3}{6}$; $\frac{10}{100}$;	$\frac{9}{4}$; $\frac{20}{10}$; $\frac{7}{3}$; $\frac{100}{10}$ $\frac{9}{6}$

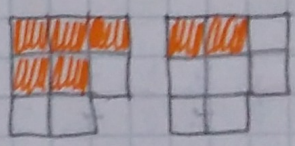
6. a.



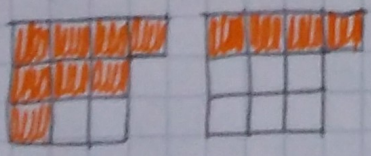
$\frac{3}{7} < \frac{6}{7}$



$\frac{1}{3} < \frac{2}{3}$

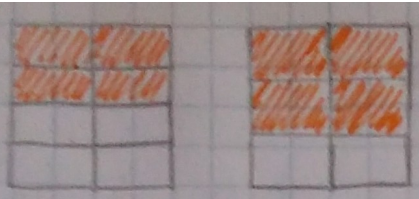


$\frac{5}{8} > \frac{2}{8}$

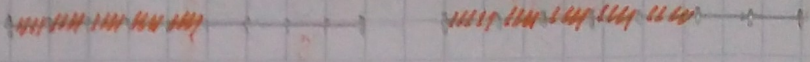


$\frac{8}{10} > \frac{4}{10}$

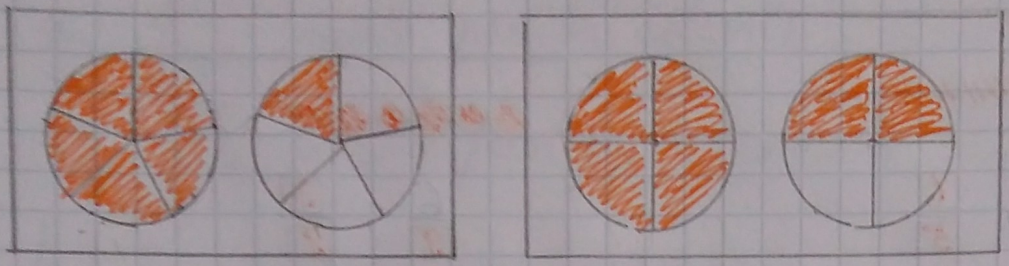
b.



$\frac{4}{8} < \frac{4}{6}$



$\frac{5}{9} < \frac{5}{7}$



$\frac{6}{5} < \frac{6}{4}$

7. a. $\frac{4}{9}$; $\frac{7}{9}$; $\frac{8}{9}$

b. $\frac{8}{7}$; $\frac{9}{7}$; $\frac{10}{7}$

c. $\frac{6}{6}$; $\frac{5}{5}$; $\frac{8}{8}$

8. a. $\frac{1}{7}$

b. $\frac{1}{12}$

c. $\frac{1}{100}$

d. $\frac{1}{4}$

9. a. $\frac{3}{4} + \frac{5}{4} - \frac{2}{4} = \frac{8}{4} - \frac{2}{4} = \frac{6}{4}$

b. $\frac{6}{8} - \frac{2}{8} + \frac{3}{8} = \frac{4}{8} + \frac{3}{8} = \frac{7}{8}$

c. $\frac{1}{9} + \frac{8}{9} - \frac{5}{9} = \frac{9}{9} - \frac{5}{9} = \frac{4}{9}$

10. a. $\frac{3}{4} + \frac{2}{4} \boxed{=} \frac{1}{4} + \frac{4}{4}$ b. $\frac{5}{9} + \frac{3}{9} \boxed{>} \frac{9}{9} - \frac{3}{9}$

c. $\frac{4}{10} + \frac{6}{10} \boxed{>} \frac{3}{10} + \frac{5}{10}$.

11. a. sumă de două fracții

$\frac{4}{7} = \frac{2}{7} + \frac{2}{7}$

b. diferență de două fracții.

$\frac{4}{7} = \frac{7}{7} - \frac{3}{7}$

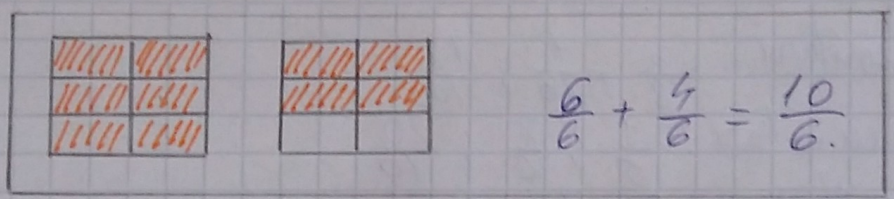
c. sumă de trei fracții

$\frac{4}{7} = \frac{1}{7} + \frac{2}{7} + \frac{1}{7}$

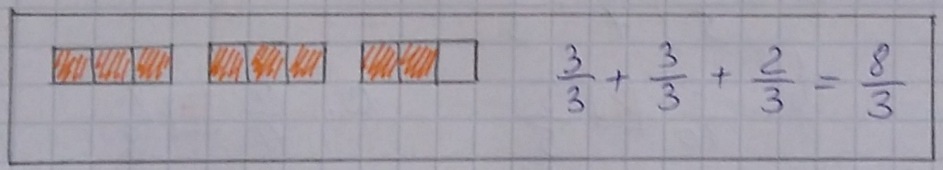
12. a. $\frac{3}{7} > \frac{2}{\boxed{7}}$ b. $\frac{4}{3} < \frac{4}{\boxed{2}}$ c. $\frac{5}{\boxed{9}} < \frac{7}{9}$

d. $\frac{3}{\boxed{4}} = \frac{6}{\boxed{8}}$ e. $\frac{\boxed{1}}{3} < \frac{\boxed{2}}{3}$ f. $\frac{5}{\boxed{3}} > \frac{5}{\boxed{5}}$

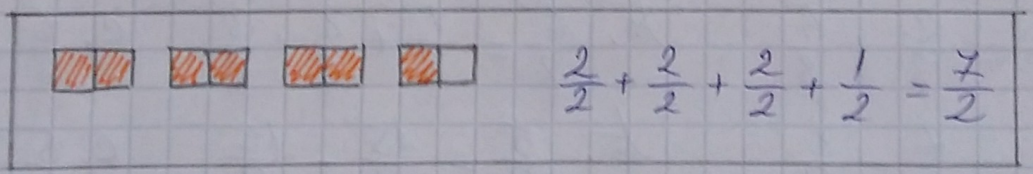
13.



$\frac{6}{6} + \frac{4}{6} = \frac{10}{6}.$



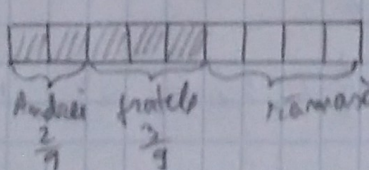
$\frac{3}{3} + \frac{3}{3} + \frac{2}{3} = \frac{8}{3}$



$\frac{2}{2} + \frac{2}{2} + \frac{2}{2} + \frac{1}{2} = \frac{7}{2}$

$\frac{5}{5} + \frac{5}{5} + \frac{1}{5} = \frac{11}{5}$

14. $\frac{9}{9} - \frac{2}{9} - \left(\frac{2}{9} + \frac{1}{9}\right) = \frac{7}{9} - \frac{3}{9} = \frac{4}{9}$ partia rămasă din ruladă



15. $\frac{8}{x+1}$

a. $x = \{9, 10, 11, \ldots, +\infty\}$ b. $x = \{7\}$ c. $x = \{0; 1; 2; 3; 4; 5; 6\}$