## Homework 21.



- 1. If Robert buys 8 pens, he will have 10 dollars left. If he tries to buy 13 pens, he will lack 15 dollars. How much money does he have?
- 2. It takes Julia 45 minutes to drive from home to work, and she drives at a speed of 55 miles per hour. How far is her office from her home?
- 3. Julia's friend Emily lives 2.4 miles from Julia. How much time does Julia need to walk to Emily's house if she walks at a speed of 3 miles per hour?
- 4. Today, Julia and Emily decided to meet between their houses. They started walking at noon toward each other. At what time will they meet and how far from Julia's house will the meeting point be if Julia is walking at a speed of 2.5 miles per hour and Emily is walking at a speed of 2.3 miles per hour?
- 5. Solve the equations:

a. 
$$\frac{1}{2}x + \frac{3}{8} = \frac{1}{4}x + \frac{5}{8}$$
;

$$b. \quad 2.1y - 2.3 = 6.7 - 1.5y$$

6. Can you find out which numbers are multiplied?

7. Evaluate:

a. 
$$123 - 244$$
;

b. 
$$51 + (-45)$$
;

b. 
$$51 + (-45)$$
; c.  $3.245 - 4.543$ ;