

### Равенки со две операции

4. Реши ги равенките и направи проверка.

- а)  $4y + 3 = 15$  б)  $2y + 6 = 14$  в)  $4 + 5y = 19$  г)  $6 + 3y = 24$  д)  $3y - 6 = 42$  е)  $7y - 2 = 47$  ж)  $3y - 39 = 57$  з)  $\frac{y}{4} + 3 = 5$  с)  $\frac{y}{8} + 4 = 11$  и)  $\frac{y}{6} - 5 = 5$  ј)  $\frac{y}{9} - 7 = 6$   
 к)  $16 = 3y + 1$  л)  $32 = 5y - 13$  м)  $7 = \frac{y}{6} + 5$  н)  $15 = \frac{y}{9} - 5$

5. Реши ги равенките и направи проверка.

- а)  $3x + 12,6 = 25,5$  б)  $4x + 9,245 = 39,725$  в)  $9,2 + 2x = 22,1$  г)  $3,58 + 5x = 39,58$   
 д)  $7x - 36,85 = 4,45$  е)  $9x - 13,7 = 15,46$  ж)  $5x - 12,405 = 20,02$  з)  $\frac{x}{5} + 4,68 = 17,2$  с)  $\frac{x}{6} + 1,8 = 14,56$  и)  $\frac{x}{5} - 4,6 = 13,46$  ј)  $\frac{x}{3} - 9,7 = 3,56$

6. Одреди ја вредноста на  $y$ , така што изразите  $A$ ,  $B$  и  $C$  се еднакви.

$A = 3y - 6$ ,  $B = 2y + 1$ ,  $C = 43 - 4y$

### Равенки со загради

7. Ослободи се од заградите, а потоа реши ги следните равенки:

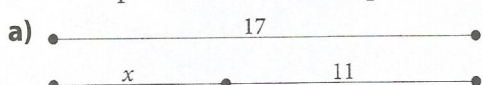
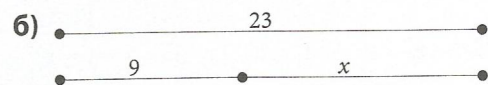
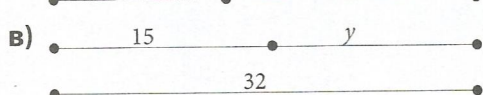
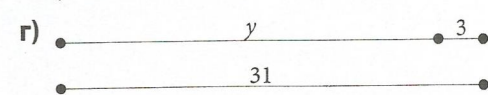
- а)  $2(3 + x) = 12$  б)  $4(x - 1) = 8$  в)  $3(1 + x) = 9$  г)  $2(x - 3) = -14$   
 д)  $4(3x - 1) = 20$  е)  $5(2 + x) = 20$  ж)  $2(5 + 7x) = 24$   
 з)  $3(2x - 1) = 15$  с)  $7(5 + x) = 42$  и)  $45 = 5(5x - 6)$  ј)  $81 = 3(2x - 3)$

8. Ослободи се од заградите, а потоа реши ги следните равенки:

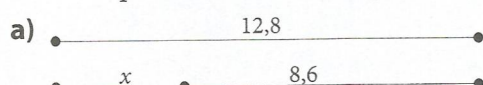
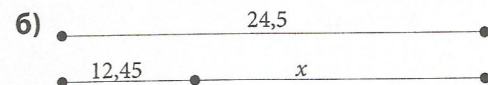
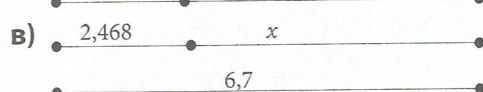
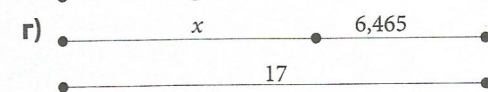
- а)  $x + 7 = 3(x - 1)$  б)  $4(x - 3) = x$  в)  $2(1 + x) = 4(x - 2)$  г)  $2(x + 1) = 3(x - 1)$   
 д)  $2(x + 5) = 4(x + 2)$  е)  $5(2x - 1) = 3(3 + x)$  ж)  $10(6x - 7) = 8(10x - 8)$   
 з)  $2(4x + 1) = 4(3x - 5)$  с)  $6(3x - 10) = 3(10x + 8)$   
 и)  $5(8x - 5) = 7(6x + 4)$  ј)  $8(10x - 1) = 12(1 + 10x)$

### Примена на равенки при решавање на други задачи

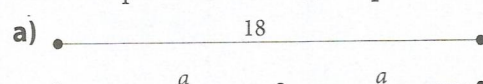
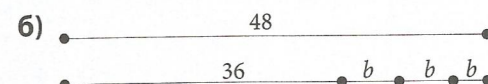
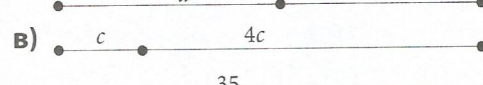
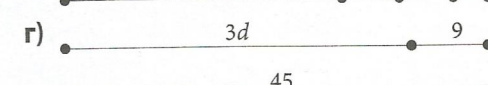
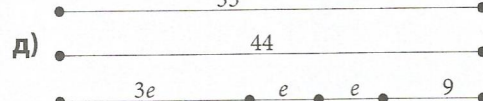
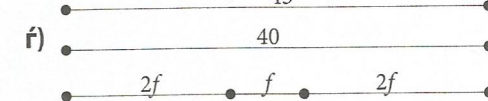
9. Запиши равенка што одговара за секој од цртежите и одреди го непознатиот член.

- а)  б)   
 в)  г) 

10. Запиши равенка што одговара за секој од цртежите и одреди го непознатиот член.

- а)  б)   
 в)  г) 

11. Запиши равенка што одговара за секој од цртежите и одреди го непознатиот член.

- а)  б)   
 в)  г)   
 д)  е)   
 ж) 