

Math 4c. Homework 15.



1. Find the value of the following expression, use the properties of addition:

- a. $(3.75 + 0.237) + 0.25$;
- b. $2.47 + 3.57 + 4.43$;
- c. $0.571 + (2.87 + 1.429)$;
- d. $6.335 + 2.896 + 1.104$;
- e. $(48.375 + 23.496) + 7.501$;

2. Solve the following equations:

- a. $6.7 - x = 3$;
- b. $x + 6.9 = 7.2$;
- c. $5.3 - x = 2.4$;
- d. $x - 2.8 = 1.7$;
- e. $6.7 - x = 3$;

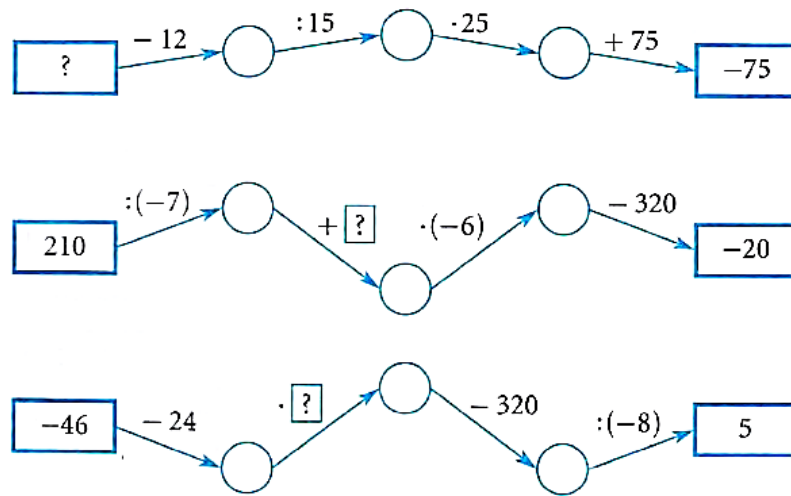
3. Comput:

- | | |
|--------------------------|---------------------------|
| a. $42.18 \cdot 10$; | f. $0.04 : 10$; |
| b. $0.0762 \cdot 100$; | g. $0.24 : 100$; |
| c. $8.3 \cdot 100$; | h. $12.18 : 1000$; |
| d. $0.0056 \cdot 1000$; | i. $0.0001 \cdot 10000$; |
| e. $72.13 : 10$; | |

4. The fourth grade is going on a school trip. Every student had to bring in \$64 for the trip to cover all costs. Unfortunately, 3 students could not participate on the trip. Therefore, every student who went on the trip had to bring in \$4 more so those who did not go could get their money back. How many students went on the trip?
5. Nine 1-digit numbers (1, 2, 3, 4, 5, 6, 7, 8, 9) should be placed into the boxes so that all equalities hold.

$$\boxed{} - \boxed{} = \boxed{}\boxed{} : \boxed{} = \boxed{3} + \boxed{} = \boxed{1} \cdot \boxed{}$$

6. What number should be placed instead of “?” ?



7. In the number 5 236 845 cross out three digits so that the resulting number will be

- Biggest possible number
- Smallest possible number

8. Three points are marked on a line (point M, point N and point O) so that the length of a segment $|MN| = 5 \text{ cm}$, the length of a segment $|NO| = 3 \text{ cm}$. What is the length of a segment $|MO|$? Draw the picture, use ruler!

9. On the diagrams of sets, A, B, and C, put 2 elements so that

- each set contains 2 elements
- set A contains 2 elements, set B contains also 2 elements, and set C contains 1 element.
- set A contains 2 elements, sets B and C contain 1 element each
- set A contains 2 elements, set B contains 1 element, and set C is an empty set
- set A contains 2 elements, set B contains 2 elements, and set C is an empty set
- each set contains 1 element

