Homework for Lesson № 2



Mixed Word Problems

A basket contains 5 oranges. Another basket contains *x* oranges. How many oranges are in both baskets?

Each box contains 12 pencils. How many pencils are in *x* such boxes?

A can contains 5 cookies. Another can contains *x* more cookies than the first one. How many cookies are in both cans?

A bicycle moves 20 km each hour. How far will it move in *q* hours?

Cookies are packed 4 per box. How many boxes there are if there are *y* cookies?

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Measure the rectangles and find their areas:





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Equations

6 In your notebook solve the equations below. Use auxiliary drawings if you need.

$$27 - x = 18$$
 $y + 300 = 800$ $z - 312 = 188$

Expressions and Programs:

- Determine the order of operations in the expressions below.
- In your notebook write programs to compute the values of these expressions.
- Show how each step transforms the original expression like in the provided sample.

<i>a</i>). $y \times 4 - 5$	b). $z - x : t + 7$	c).	(z - x) : t + 7
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Sample:	(2) (1) (3) a + (15 - x) + 12	
1: 15 – <i>x</i>	<u>a + (1) + 12</u>	
2: a + ①	<u>(2)</u> + 12	
3: ② + 12	<u>(3)</u>	

8 Four equities on addition and subtraction.

16 + 24 = 40 27 + 5 =

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24 + = + =

40 - 24 = - =

40 - = - =

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Replacements:

• Use replacement to simplify the following equations.

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• Write the transformed equations according to the sample.



