

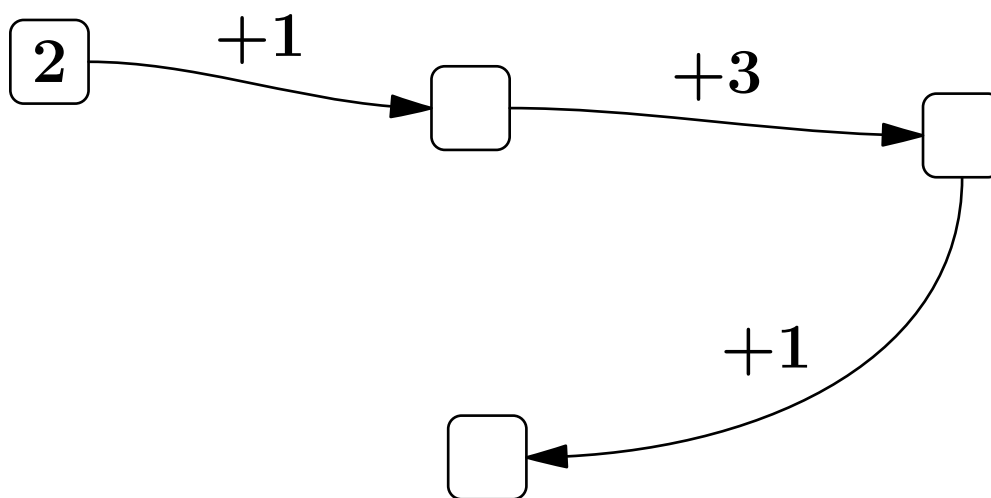
Test for eager students, for your holiday

*It could be prepared by a teacher of your **favourite** subject...*

Write your solution of each problem on a separate, signed sheet. Clearly indicate the problem number. Please, let us know if you find a bag in GEZMAT... ;-)

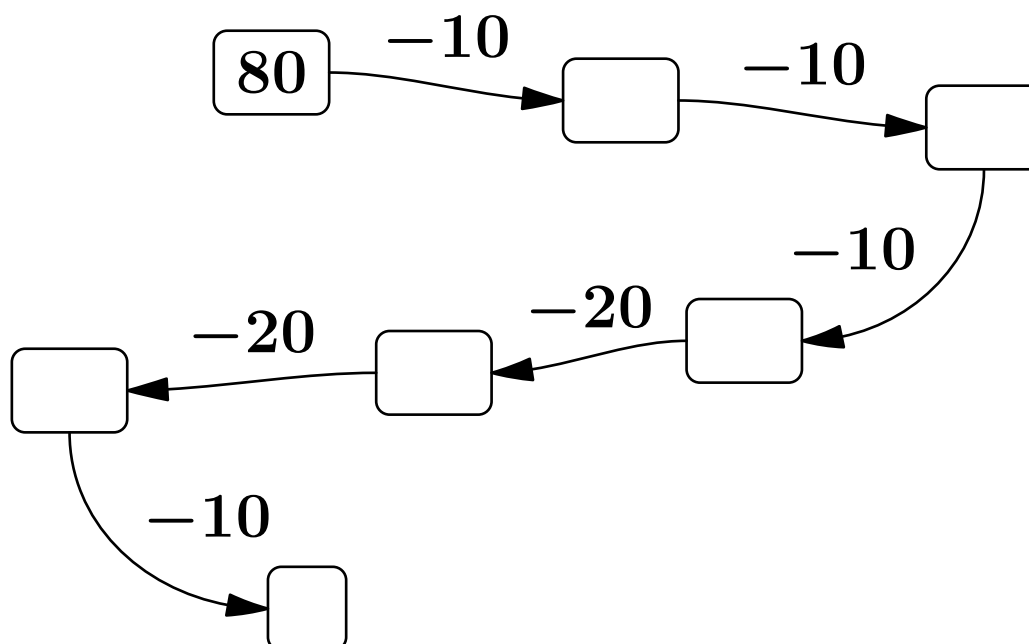
1 (2) Problem – Number snake, addition, 0–10

In the following number snake a number in each box except the first one must be equal to the number from the previous box modified in accordance with the description at the arrow. Enter the appropriate numbers in the empty boxes.



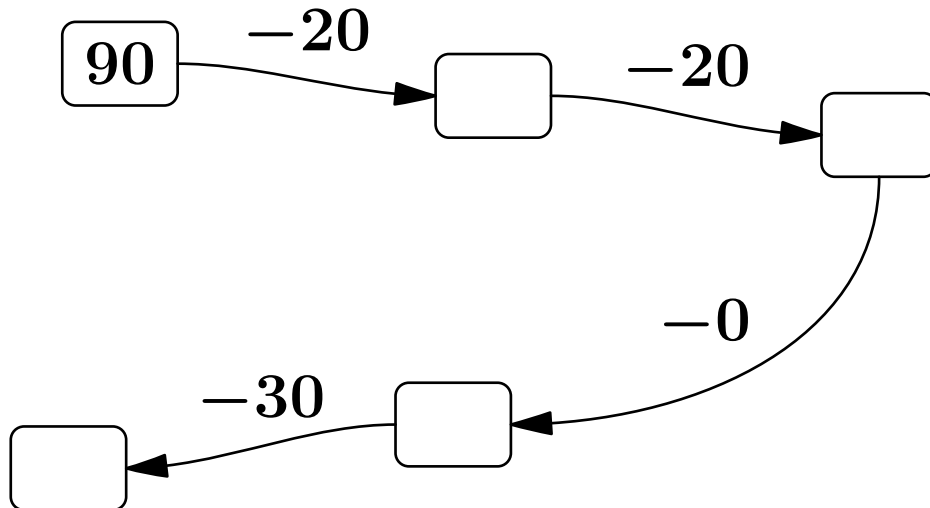
2 (2) Problem – Number snake, subtraction of multiples of 10, 0–100

In the following number snake a number in each box except the first one must be equal to the number from the previous box modified in accordance with the description at the arrow. Enter the appropriate numbers in the empty boxes.



3 (2) Problem – Number snake, subtraction of multiples of 10, 0–100

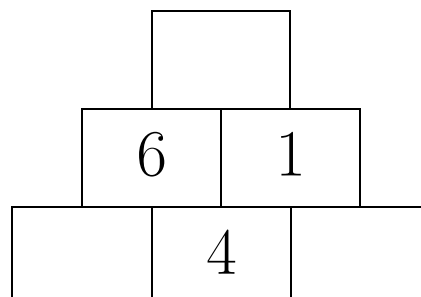
In the following number snake a number in each box except the first one must be equal to the number from the previous box modified in accordance with the description at the arrow. Enter the appropriate numbers in the empty boxes.



From the following 8 problems 2 are randomly chosen.

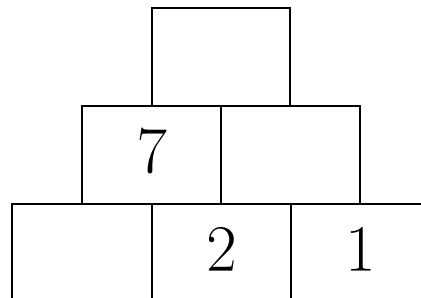
4 (2) Problem – Number triangle, subtraction, 0–10

In the following number triangle in each rectangle except those in the lowest row there must be a number that is the difference of the numbers from the two nearest rectangles from the lower row: from the number in the left rectangle the number in the right rectangle is subtracted. Enter the appropriate numbers in the empty rectangles.



5 (2) Problem – Number triangle, addition, 1–10

In the following number triangle in each rectangle except those in the lowest row there must be a number that is the sum of the numbers from the two nearest rectangles from the lower row. Enter the appropriate numbers in the empty rectangles.

**6 (2) Problem – Addition in columns, 100**

Calculate the following sums.

a)

	5	5
+	3	2

b)

	6	5
+	3	1

7 (2) Problem – Number of pages

Wanda started reading a book at the beginning of page 30. After two hours she finished at the end of page 95.

a) How many pages did she read?

b) How many pages did she read on average in one hour? **Command insert inserts just after the text of the problem.**

8 (2) Problem – Plums

John had 36 plums. Then he ate one-third of them. How many plums has John now?

Add 3cm vertical space...

14 (2) Problem – Accelerating airplane

An airplane, initially at rest in the airport, started to move along a runway with the constant acceleration equal to 5.7 m/s^2 . Calculate the airplane's speed after the time of 5 s.

And again the same problem.

15 (2) Problem – Accelerating airplane

An airplane, initially at rest in the airport, started to move along a runway with the constant acceleration equal to 4.8 m/s^2 . Calculate the airplane's speed after the time of 9 s.