

Homework 23.

1

Calculate.

$\begin{array}{r} +1 \\ 35 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 55 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 25 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 53 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 44 \\ +7 \\ \hline \end{array}$
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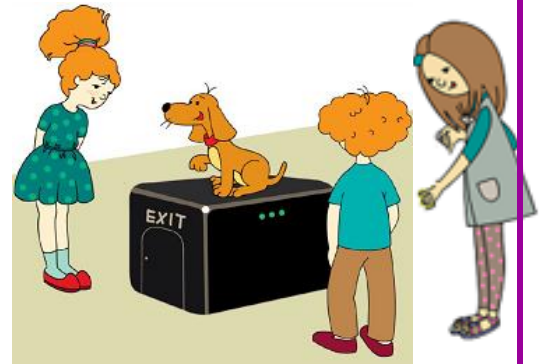
$\begin{array}{r} -1 \\ 72 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 51 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 44 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 66 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 23 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 94 \\ -7 \\ \hline \end{array}$
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2

a) Sophie, twins, and Max decided to play "Black box". Tom won 11 times, Betty won 2 games less than Tom. Max was a referee. Sophie won as many times as Betty and Tom together?

1) Who won most of the time and how many times that was?

2) How many times kids played "Black box"?



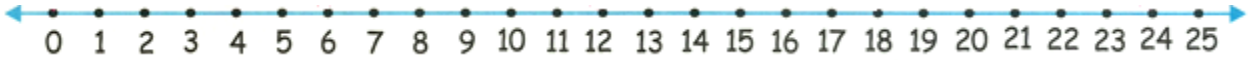
b) Peter and Tom played chess for 2 days. During the first day, they completed 6 games and during the second day, another 5. How many games did Peter play? How many games did Tom play? How many games did the guys play during these two days?

3

A square is divided in 9 smaller squares. Add numbers to empty cells in such a way that the sum of each row and each column will be the same.

7		
2		
3	8	

4



1. Sasha has to pack 15 donuts into 3 boxes equally. How many donuts he has to put in each box?

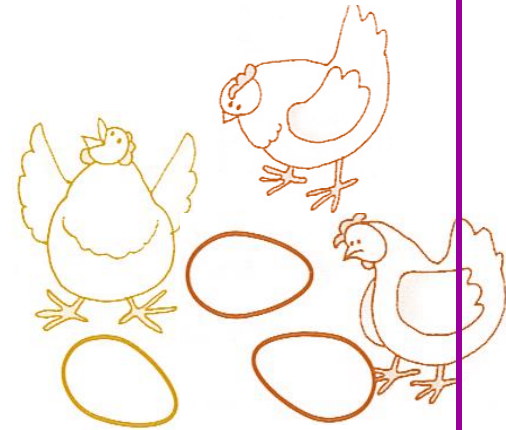


2. The length of the python is 12 meters or 4 monkeys. How long is the monkey? _____



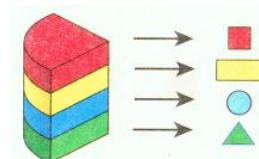
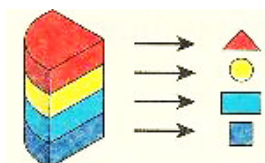
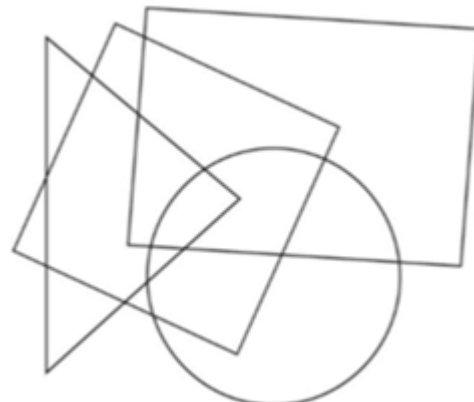
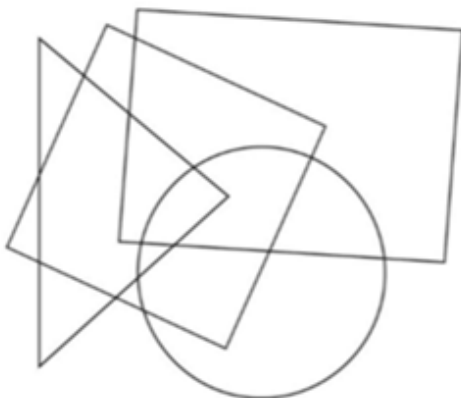
3. Each Martian has three hands. Seven Martians are standing in a row and holding each other's hand. How many hands remain free? (Try to draw them)

4. If it takes 5 minutes for 5 hens to lay 5 eggs, how much time will it take 100 hens to lay 100 eggs?



5

Color the shapes according to the instruction.



6 Solve.

$$X + 22 = 36$$

$$X =$$

$$X =$$

Check:

$$X - 21 = 57$$

$$X =$$

$$X =$$

Check:

$$20 - X = 8$$

$$X =$$

$$X =$$

Check:

$$45 - X = 10$$

$$X =$$

$$X =$$

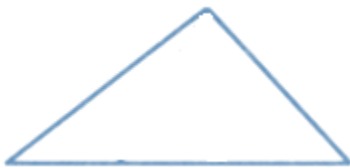
Check:



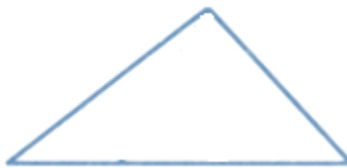
7 In a triangle below, draw 2 segments to get

- 1) 2 triangles and 1 quadrilateral;
- 2) 3 triangles;
- 3) 3 triangles and 1 quadrilateral.

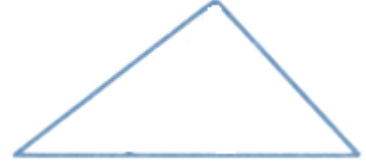
1)



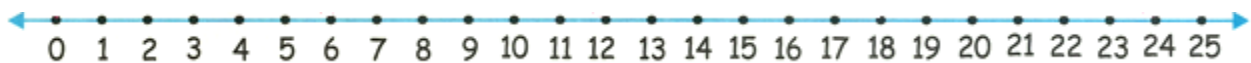
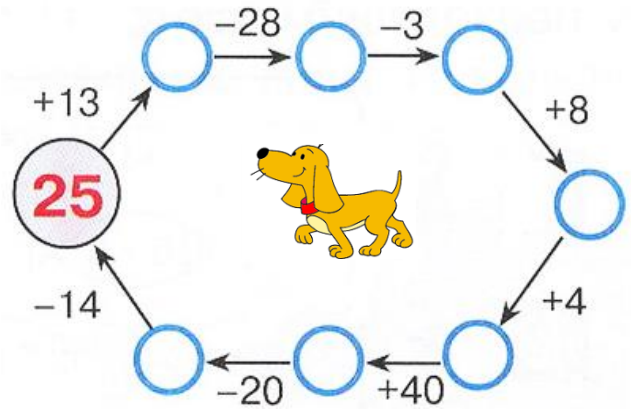
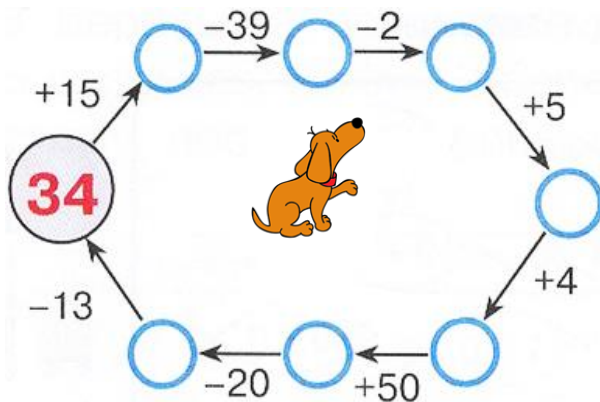
2)



3)



8 Fill up the circles.



9

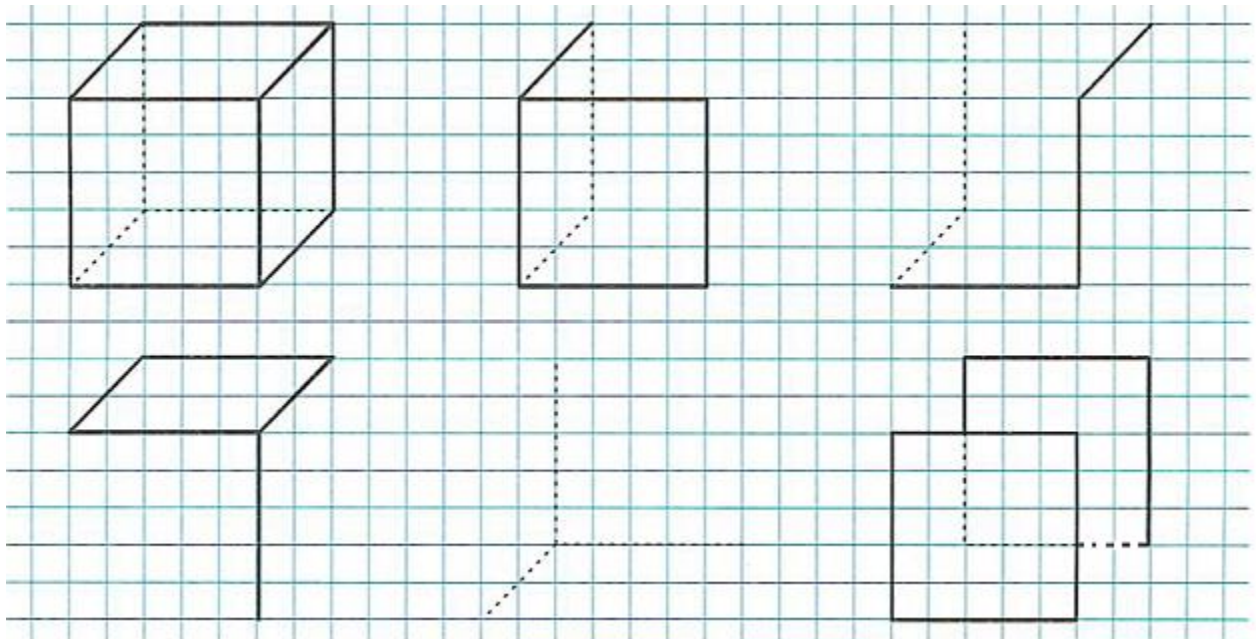
Can you figure out the profession of each dad and pet of each kid according to the given clues? Fill up the table: put + in the cell with the answers and - everywhere else.

- It is known that Alex's dad is a baker (in the table, there is a "+" sign).
- Anna does not have a cat.
- Alex likes his dogs very much.
- Julia's dad can not drive a car.
- A driver does not have any sons.
- Julia is not a teacher's daughter.
- One of the boys has a bunny.
- Julia's cat is black.
- A firefighter has one daughter.

	Alex	Peter	Anna	Julia
Cat				
Dog				
Parrot				
Bunny				
Baker	+	-	-	-
Driver	-			
Teacher	-			
Firefighter	-			

10

Finish the drawing of the cubes below. Make visible lines bold and those that you cannot see as dotted.

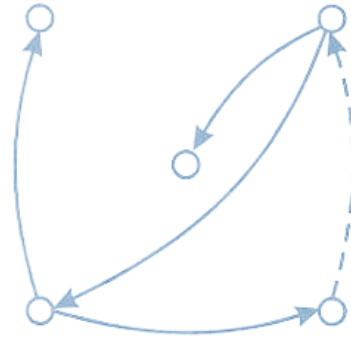
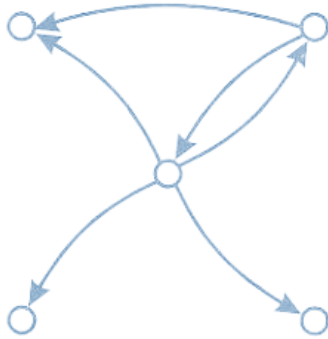


11

“Show your sister” game.



1. Try to figure out who is who and are there any girls in the picture? Fill in the circles properly and add missing arrows.



2. A family with children. One child from this family said: “I have one brother and one sister”. Another child said: “I have no brothers”. How many children are in this family and who are they? Draw the graph by drawing the circles (fill then in properly) and arrows.

12

Cut out the squares below and cut them into tangram pieces as shown. Using parts of the square make the pictures below (a candle) and glue them to the piece of construction paper.

