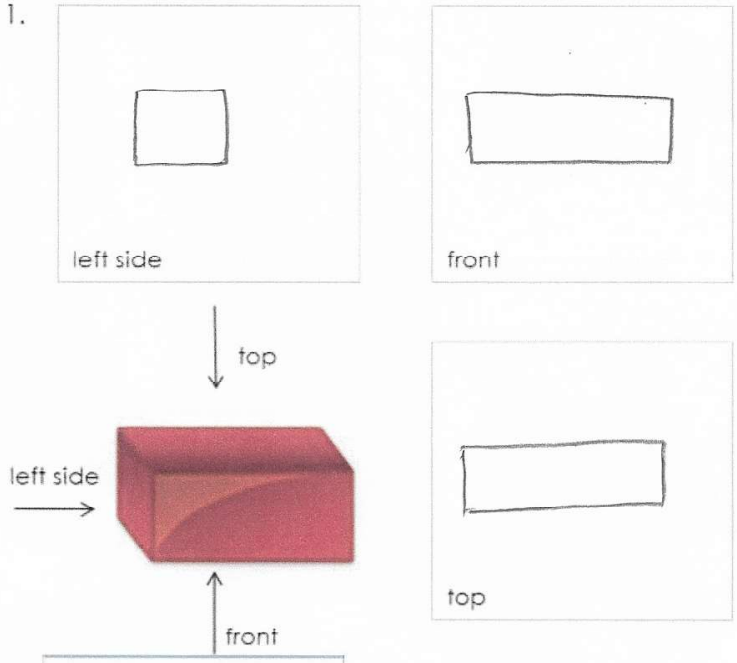
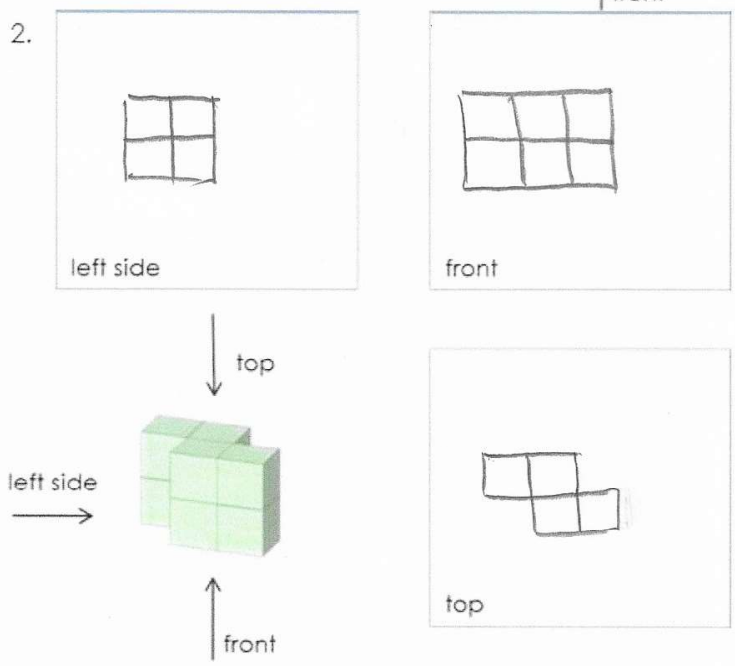
Homework 24.

1 What will you see if you look at the figure from the left and the front? Complete the drawings.

1.



2.



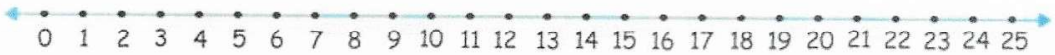
2

Color the inside of the cylinder red and the outside blue.

3

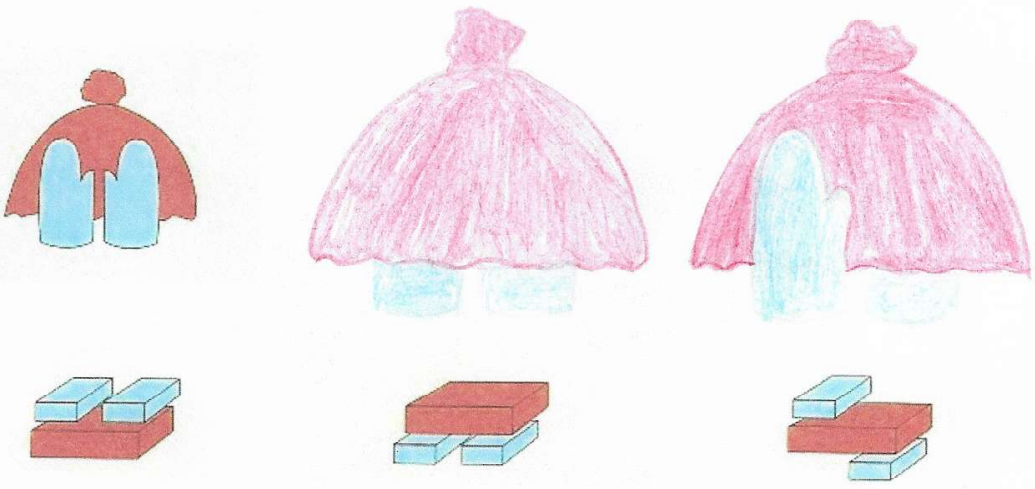
Calculate.

+1 4 6 + 7 5 3	1 2 5 + 1 9 4 4	1 3 6 + 2 5 6 1	1 4 4 + 8 5 2	1 7 5 + 1 7 9 2	1 6 9 + 4 7 3	1 4 3 + 3 8 8 1
6 14 7 4 - 6 6 8	4 11 5 1 - 1 8 3 3	2 15 3 5 - 7 2 8	3 14 4 4 - 2 9 1 5	5 16 6 6 - 3 7 2 9	1 13 2 3 - 5 1 8	8 12 9 2 - 4 7 4 5



4

Color according to the instruction.



5 Fill the tables.

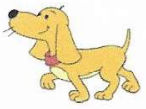
+	9	6	8
7	16	13	15
15	24	21	23
12	21	18	20

+	7	6	9
8	15	14	17
5	12	11	14
4	11	10	13

+	20	12	2
36	56	48	38
40	60	52	42
70	50	82	72

The barrel with honey weighs 36 kg, the empty barrel weighs 5kg. How many kg of honey is in the barrel? 36 - 5 = 31 kg

Max thought of a two digit number, then he subtracted 1 from this number and got a one digit number. What number did Max think of? 10



Vito, Nick, and Peter go to school on a bus together. The trip takes 10 minutes for Peter. How long does the trip take for all of them? 10 min

While Emma eats 2 ice cream cones, Annie eats 3. The girls ate 10 ice cream cones. How many did Emma eat? (Draw the solutions).

E : 2 2
A : 3 3 => E = 4 ice creams

Peter and Tom were at the school fair together and won tickets which could be exchanged for prizes. Tom won 10 tickets. Peter won 12 more tickets than Tom. Tom started to ask his brother, "Give me the needed amount of tickets so that we both had the same number of tickets." Peter agreed. How many tickets does he need to give to his brother?

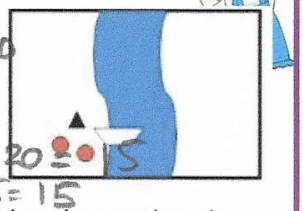
T = 10, P = 10 + 12 = 22 ; 6 tickets

7 Solve.

X + 44 = 86	32 + X = 95	23 - X = 8	35 - X = 15
X = 86 - 44	X = 95 - 32	X = 23 - 8	X = 35 - 15

8

X = 42	X = 63	X = 15	X = 20
Check:	Check:	Check:	Check:
42 + 44 = 86	32 + 63 = 95	23 - 15 = 8	35 - 20 = 15
86 = 86	95 = 95	8 = 8	15 = 15



How can two boys and one adult cross to the other side of the river in one boat, in which only 2 boys or just 1 adult fit?

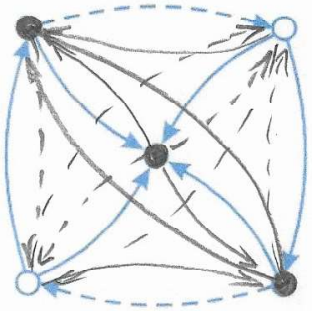
1 adult
① +2 boys → ...
② 1 adult ← 1 boy 1 boy
③ 1 boy → 1 adult 1 boy
④ 1 boy ← 1 boy 1 adult
⑤ 2 boys → 1 adult
⑥ ... → 1 adult + 2 boys

9

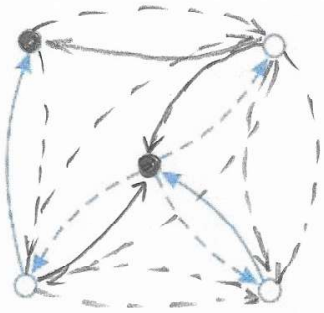
"Show your sister" game.

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

a)



b)



10

Here is a menu of a restaurant. There are no prices listed on the menu, the only thing known is that a **bagel** costs $**2**. Try to figure out the cost of the other dishes from the clues on the right:

Menu	
Hamburger ..... 16 ..... $	Hamburger costs the same amount as the Spaghetti and Pizza together → S=4
Chicken ..... 8 ..... $	Chicken costs the same as 4 Bagels → C=8
Fish ..... 20 ..... $	Hamburger is twice as expensive as the Chicken → H=16
Spaghetti ..... 4 ..... $	Chicken and 2 Bagels cost the same as 2 Pizzas → P=12
Pizza ..... 12 ..... $	Fish and 1 Bagel cost the same as 1 Hamburger and 3 Bagels F = 20
Rice ..... 10 ..... $	Rice is two times cheaper than the Fish R=10
Bagel ..... $ **2**	

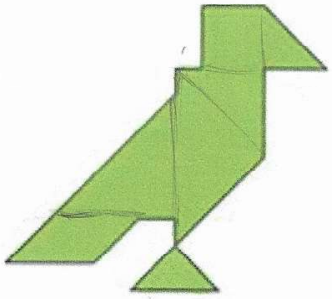
11

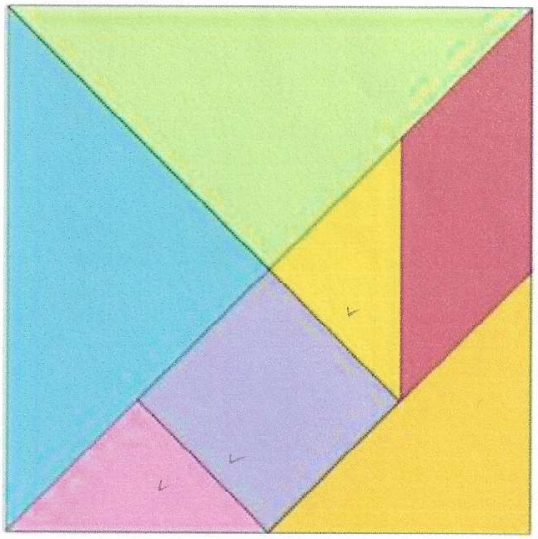
Continue the pattern.

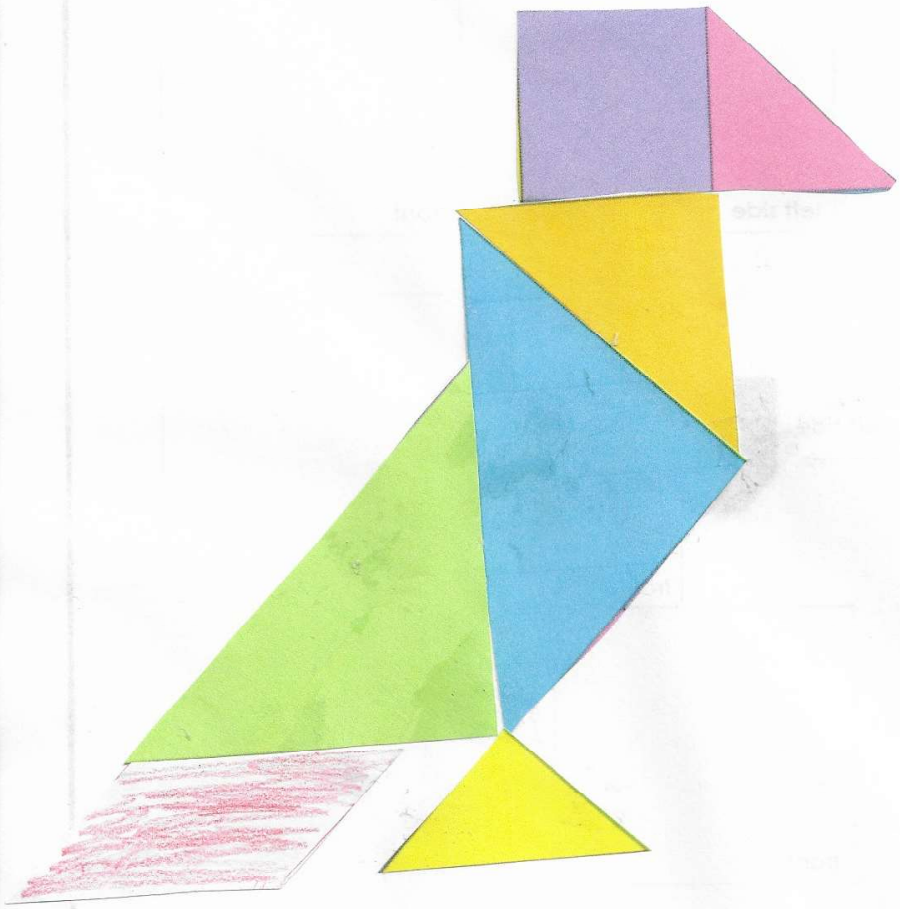
1	4	6	8	10	12	14	16	18	20	22	24	+2
2	5	9	13	17	21	25	29	33	37	41	45	+4
3	30	40	50	60	70	80	90	100	110	120	130	+10
4	9	12	15	18	21	24	27	30	33	36	39	+3
5	2	10	18	26	34	42	50	58	66	72	80	+8
6	70	65	60	55	50	45	40	35	30	25	20	-5
7	150	140	130	120	110	100	90	80	70	60	50	-10
8	31	28	25	22	19	16	13	10	7	4	1	-3
9	8	12	16	20	24	28	32	36	40	44	48	+4
10	32	30	28	26	24	22	20	18	16	14	12	-2

12

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





Pr. 12

HW 24