Homework 22.

1 Calculate according to the example.

+1
3 7
+ 7
4 4

1
2 5
+ 7
3 2

1
3 6
+ 8
4 4

1
8 1
+ 9
9 0

1
7 8
+ 5
8 3

1
5 3
+ 8
6 1

1
6 5
+ 7
7 2

-1
3 2
- 6
2 6

4 11
5 1
- 4
4 7

3 15
4 5
- 7
3 8

3 12
4 2
- 3
3 9

6 16
X 6
- 8
6 8

4 13
5 3
- 4
4 9

5 14
6 4
- 7
5 7

2

Noseticks live in a galaxy far far away. Their money is different from ours.
Take a look at their money:

1 pogo is equivalent to $2

1 kanup is equivalelnt to $4

1 ducle is equivalent to $8

Using the Nosetick' money system, please, answer the following questions:

1. How many kanups are there in one ducle? 2 kanups
2. How many pogos are there in one ducle? 4 pogos
3. How many pogos are there in one kanup? 2 pogos

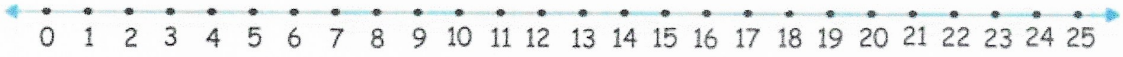
3

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.

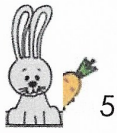
The sum is 18.

9	2	7	
4	6	8	
5	10	3	18
			18

4



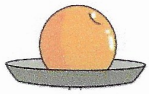
4. 12 straw builder kits were divided between 3 classes equally. How many kits did each class get?



4 + 4 + 4 = 12 ; 4 kits

5. 14 carrots were divided between 7 bunnies equally. How many carrots did each bunny get? 2+2+2+2+2+2+2 = 14 ; 2 carrots

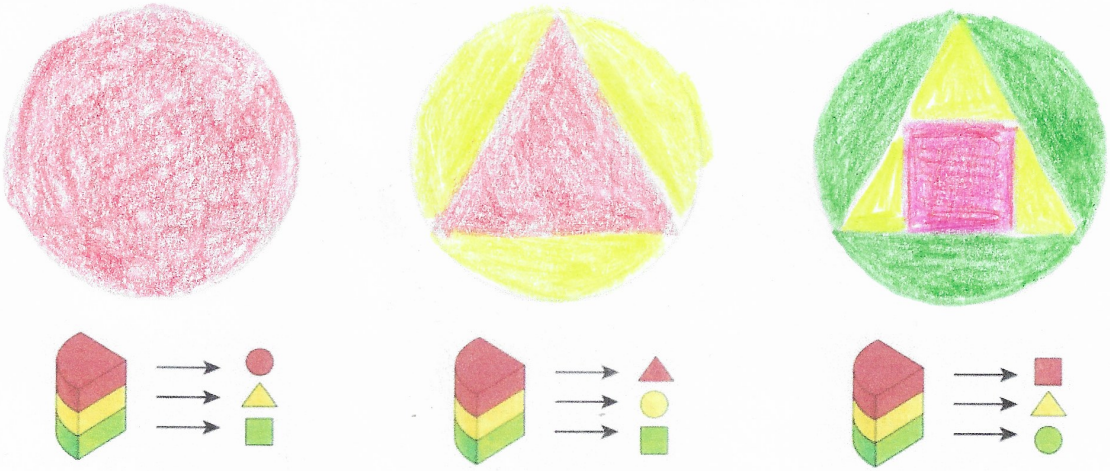
6. Betty eats 3 oranges every day. How many oranges she eats in 5 days?



3+3+3+3+3= 15 oranges

5

Color the shapes according to the instruction.



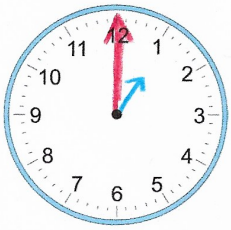
6

Solve.

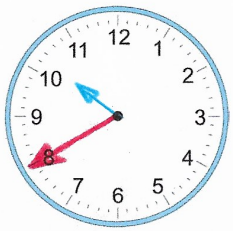
X + 72 = 96	X – 20 = 64	51 - X = 9	23 - X = 9
X = 96 - 72	X = 64 + 20	X = 51 - 9	X = 23 - 9
X = 24	X = 84	X = 42	X = 14
Check:	Check:	Check:	Check:
24 + 72 = 96	84 - 20 = 64	51 - 42 = 9	23 - 14 = 9
96 = 96	64 = 64	9 = 9	9 = 9

10

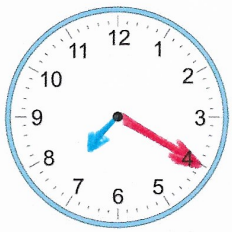
Draw the hands of the clocks below so they show the correct time.



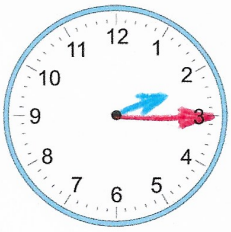
1:00



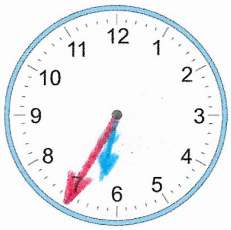
10:40



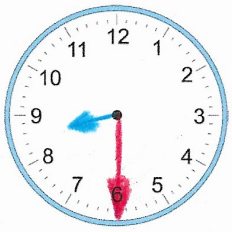
7:20



2:15



6:35

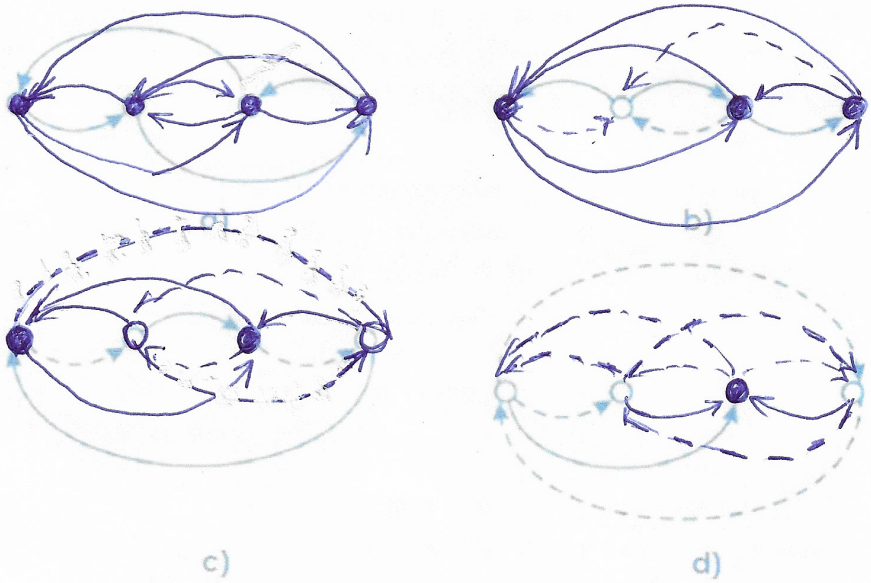


8:30

11

"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.



7

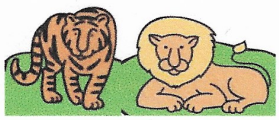
a) Boys and girls went to the circus. There were 22 boys sitting in the first row, and 5 more girls than boys sitting in that same row. How many girls were sitting in the first row? How many kids were sitting in all?

$22 + 5 = 27$ girls

$22 + 27 = 49$ kids

b) During intermission the girls bought 15 servings of ice cream. It was 6 servings more than the boys bought. How many servings did the boys buy?

$15 - 6 = 9$ boy' ice creams



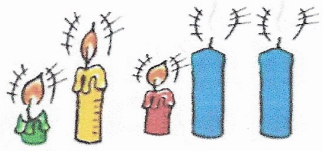
c) 12 tigers entered the circus arena, and 4 less lions than tigers. How many lions and tigers together were there in all?

$12 - 4 = 8$ lions

$12 + 8 = 20$ animals

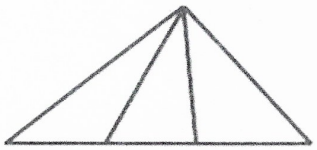
*d) There were 5 lighted candles. 2 candles were blown out. How many candles are left?

2 left, the rest are burned down.



8

How many triangles can you find in each figure?



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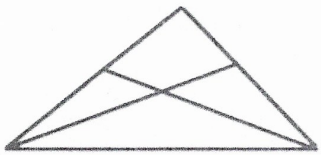

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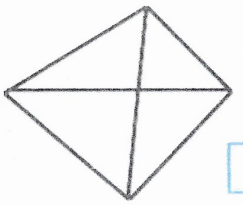


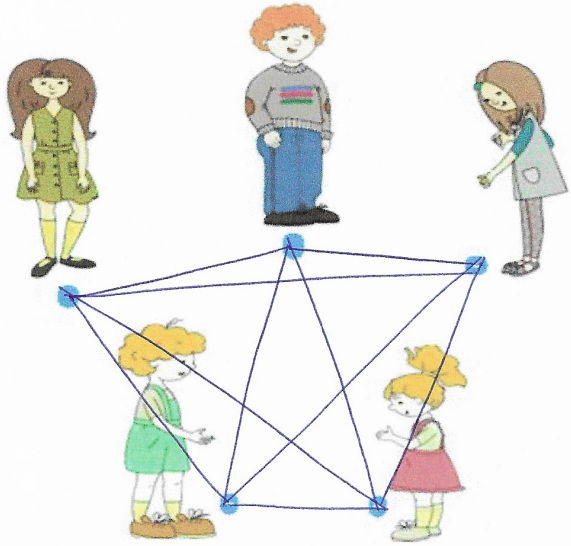
8

9

Calculate.

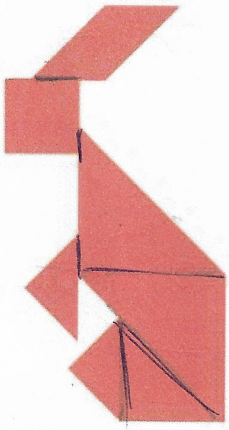
61 − 9 = 52	44 − 13 = 31	72 + 9 = 81	35 + 43 = 78	46 − 36 = 10
36 + 42 = 78	85 − 7 = 78	21 + 56 = 77	38 + 5 = 43	53 − 4 = 49
42 + 8 = 50	32 + 57 = 89	78 − 16 = 62	67 − 8 = 79	95 − 8 = 87

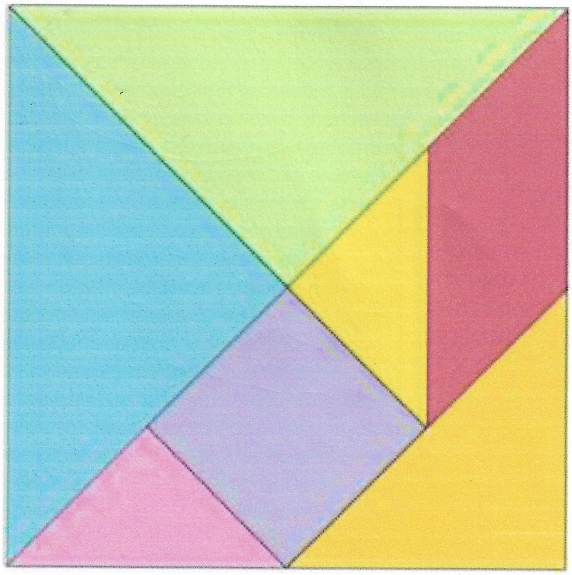
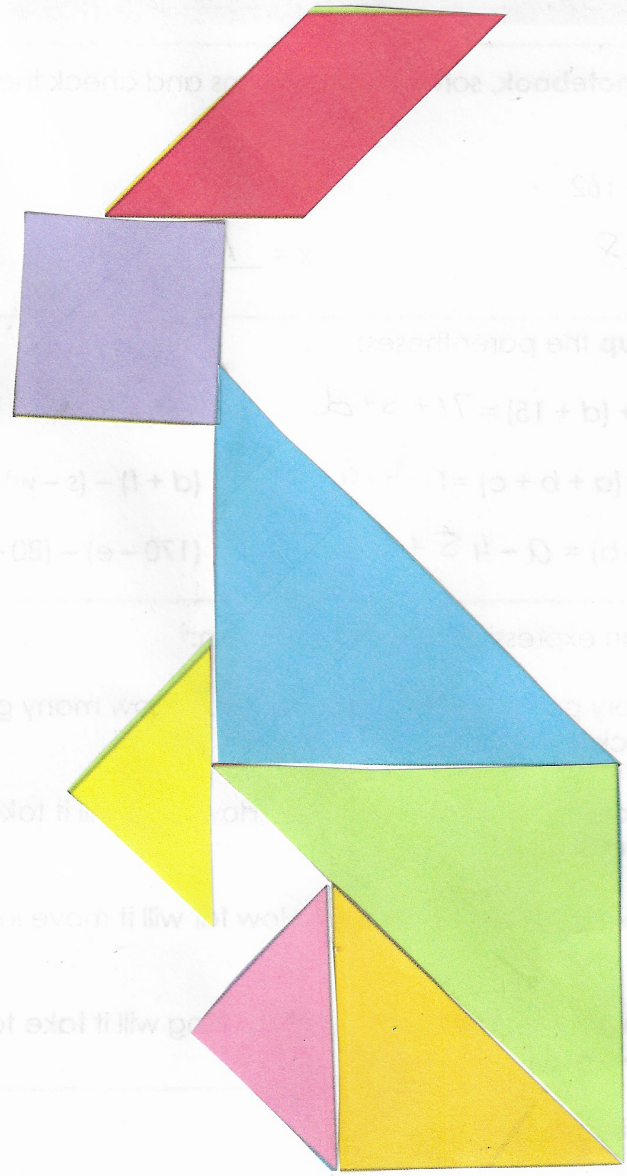
12 Alex, Lucy, Tom, Betti, and Sophie shook hands with each other. How many handshakes did the friend exchange in between themselves if they shook only one hand and only once with each friend?



10 handshakes

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

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