

Homework 18.

1

Find and correct mistakes.

$$\begin{array}{cccc}
 7 + 5 = 12 & 92 - 50 = 42 & 32 + 27 = 59 & 32 + 7 = 36 \\
 19 - 3 = 15 & 97 - 5 = 92 & 21 + 7 = 30 & 7 + 2 = 12
 \end{array}$$

2

When we add or subtract two-digit numbers, we first add or subtract ones and then tens and tens. Compute.

$\begin{array}{r} 11 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 93 \\ + 6 \\ \hline \end{array}$	$\begin{array}{r} 22 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 60 \\ \hline \end{array}$	$\begin{array}{r} 74 \\ + 10 \\ \hline \end{array}$
$\begin{array}{r} 46 \\ + 32 \\ \hline \end{array}$	$\begin{array}{r} 75 \\ - 52 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ - 54 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ - 28 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ + 26 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ + 50 \\ \hline \end{array}$
$\begin{array}{r} 10 \\ + 68 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ + 22 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ + 45 \\ \hline \end{array}$	$\begin{array}{r} 99 \\ - 88 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ + 50 \\ \hline \end{array}$	$\begin{array}{r} 39 \\ - 33 \\ \hline \end{array}$

3

Roman numerals.

I	V	X	L	C	D	M
1	5	10	50	100	500	1000



Fill up the table.

	11		13		15				19	20		50	
X		XII		XIV		XVI	XVII	XVIII			XXX		LX

To make Roman's numbers there are two rules you need to know.

1. When you put a letter after a larger one it means you add it.
2. When you put a letter before a larger one it means you take it away

4

Write these numbers in Roman numerals:

1. 6 =

2. 15 =

3. 25 =

4. 19 =

Add and subtract Roman numerals:

$I + III =$

$III - II =$

$V + II =$

$IV - III =$

$VIII - I =$

$IX - V =$

$III + IV =$

$X - VI =$

5

Solve the problems.

19 students from our school competed in the Math Olympiad competition. 7 of them were girls. 13 boys and 7 girls competed from a different school. How many of the following competed in the Math Olympiad:

a) boys from our school?

b) students from the other school?

c) students from both schools?

d) boys from both schools?

e) Which school had more boys compete and by how much?

f) Who participated more in the competition- boys or girls? By how many more?

6

Who is who? Write the name of each girl if you know that

- Rita really likes the color red and tries to have something red in her outfit.
- Ann prefers to wear something blue.
- Mary doesn't like to wear something in her hair.



- 1) The girls live in a high rise building. Rita and her sister Sonya live on the third floor of the building. Below them, Mary lives with her cat Marzipan. Anna lives below Mary and Marzipan. Who lives on the first floor?

- 2) Rita got some presents for her birthday: watercolor painting, a big book with nice pictures, and a friendship ring. Sonya presented her with the nice painting. Anna brought her gift in a small box. Guess what present Mary gave to Rita?

7

Find the mistakes and correct them (hint: all solutions are wrong).

$$X + 4 = 7$$

$$X = 7 - 4$$

$$X = 4$$

Check:

$$X - 20 = 5$$

$$X = 20 - 5$$

$$X = 15$$

Check:

$$6 + X = 12$$

$$X = 12 + 6$$

$$X = 18$$

Check:

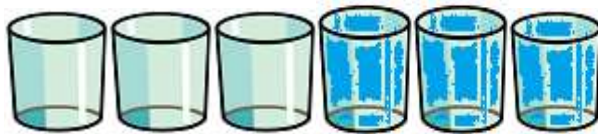
8

Figure out the rule and fill in the empty cells.

9

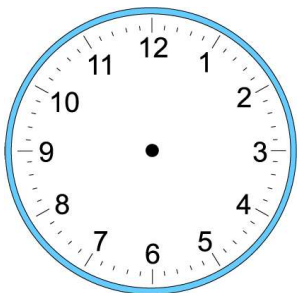
On the table there are 6 glasses. 3 of them are empty, 3 of them have water in it. Make it so that the glasses alternated between filled and empty glasses when you can only take one glass once.



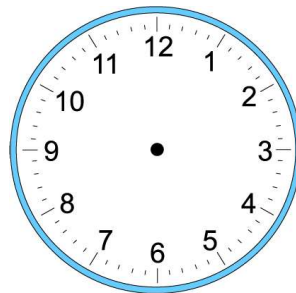
10

A math class starts at 10:00. It is 1 hour and 15 minutes long. What time should it end at? Draw the hands of the clock.

Lesson start:

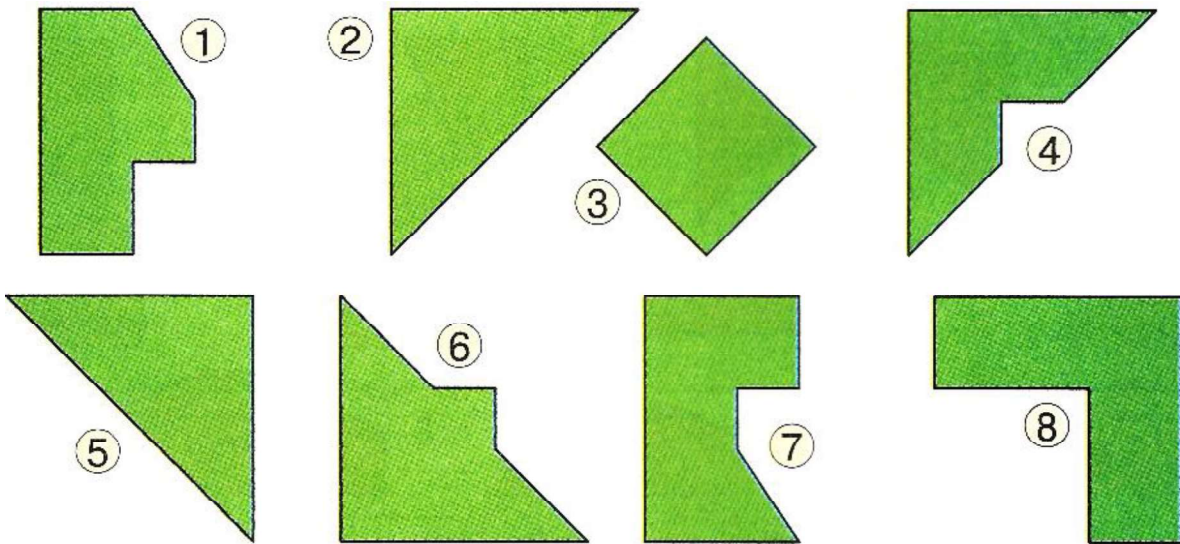


Lesson ends:



11

Connect the pairs of figures that could make a big square.



12

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

