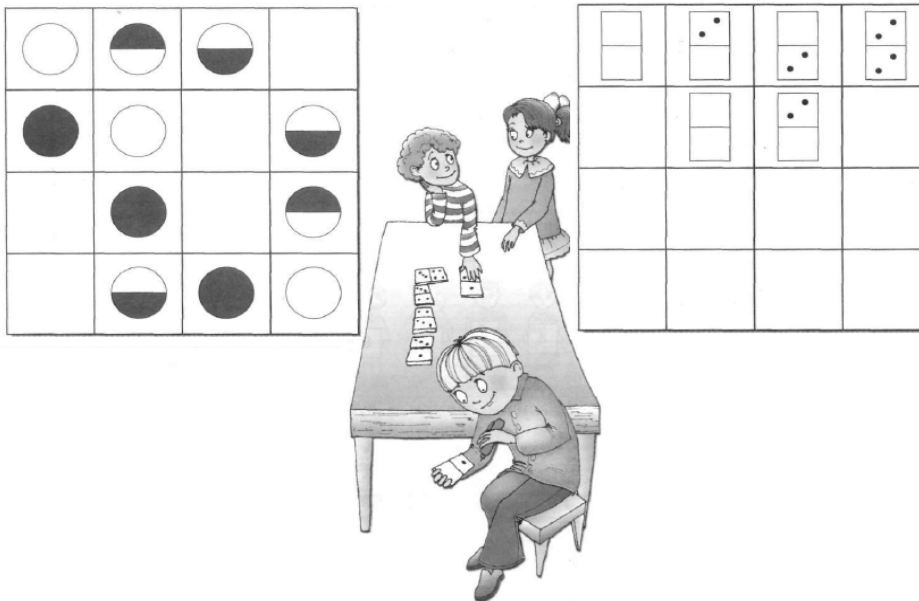


Homework 6

1. Discover the pattern and complete the table on the left. Use the **same rule** and complete the table on the right with domino tiles.



2. Solve problems and write down your solution below:

a) A gnome is 43 cm tall; Pinocchio is 4 dm 8 cm tall. Who is taller? By how much?

b) An elevator button is 1 m 2 dm 1 cm above the floor. A boy is 13 dm 5 cm high. Can he reach an elevator button?

c) There are 12 *liters* of milk in a 12 *L* bucket. How can you share this milk equally between two families using two empty buckets: 3 *L* and 8 *L*?

Homework 6

3.

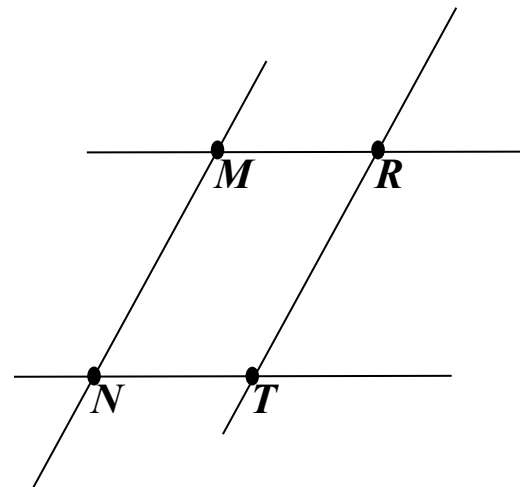
A pharmacy has an old balance scale, which has only two measuring weights: 30 grams and 5 grams. A pharmacist has to divide 300 grams of powder medicine into 3 small bags – 150 gram in the 1st bag, 100 grams in the 2nd bag and 50 grams in the 3rd bag. How can he do it if he can only weigh 3 times?



4.

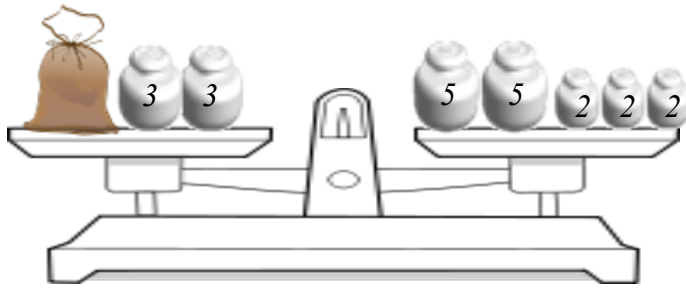
Fill in the table using the picture to the right.

Straight lines	
Parallel lines	
Points at intersections	
Nonparallel lines	
Line segments	



Homework 6

5.



How many *kg* does the bag of flour weigh?

6.

Solve for x . Use diagrams.

$$x + 42 = 418$$

$$x = \underline{\hspace{2cm}}$$

$$x = \underline{\hspace{2cm}}$$



$$271 - x = 35$$

$$x = \underline{\hspace{2cm}}$$

$$x = \underline{\hspace{2cm}}$$



$$x - 26 = 345$$

$$x = \underline{\hspace{2cm}}$$

$$x = \underline{\hspace{2cm}}$$



Homework 6

7.

Calculate:

7	4	8		
+	2	0	2	
<hr/>				

	4	8	6	
+	3	5	4	
<hr/>				

	7	3	6	
+	1	7	7	
<hr/>				

		3	2	5	
+	5	7	4		
<hr/>					

		6	2	8	
+	3	7	3		
<hr/>					

		3	4	7	
+	3	6	1		
<hr/>					

	6	1	6		
-	3	5	3		
<hr/>					

	6	6	8		
-	5	0	8		
<hr/>					

	4	7	6		
-	1	9	3		
<hr/>					

		4	6	5	
-	2	3	9		
<hr/>					

		2	3	9	
-		8	4		
<hr/>					

		2	1	2	
-	1	9	0		
<hr/>					

		7	1	8	
-	2	0	9		
<hr/>					

		7	7	3	
-	6	9	1		
<hr/>					

		2	3	4	
-	1	1	9		
<hr/>					

8.

Express in meters, decimeters, and centimeters.

485 cm = 4m + 8dm + 5cm

5 m 62 cm = _____

807 cm = _____

350 cm = _____

Homework 6

10.

Write down ALL two-, and three-digit numbers that can be written using the digits 5 and 0.

Two-digit:

Three-digit:

Write down ALL two-, and three-digit numbers that can be written using the digits 5 and 1.

Two-digit:

Three-digit:

11.

Over the summer, a group of tenth graders went for a tour of historic battlefields. During the trip, the students traveled 251 km by train, 96 km by bus and walked 26 km. How far did the group travelled overall?

12

You have three strips of paper; each strip is of different color. Color these strips with a color of your choice:



How many combinations of strips can you make if each combination consists of 3 different colors?

Draw them.

