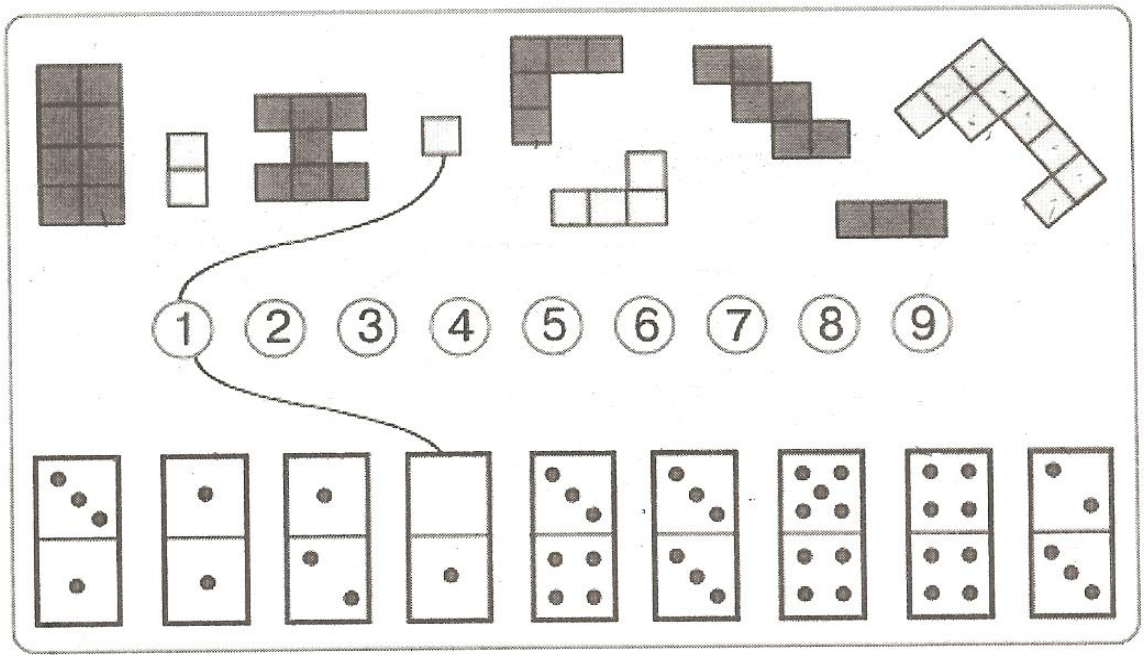
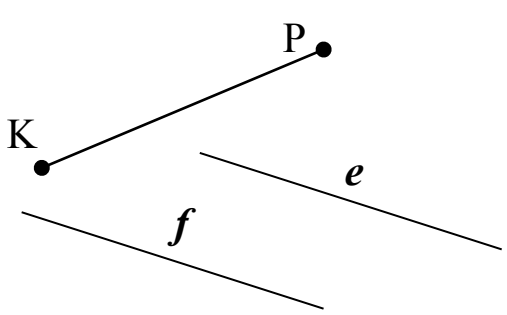
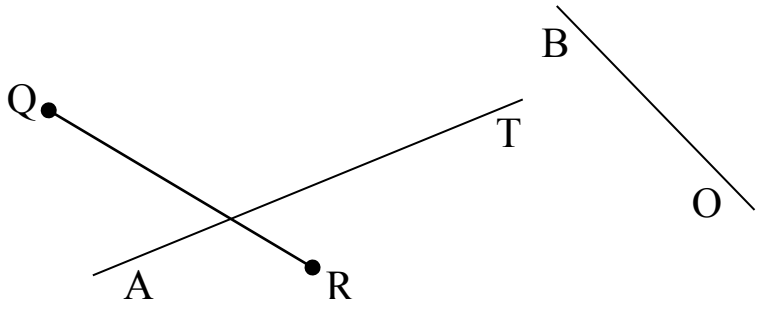
Homework 4

1. Connect shapes with corresponding numbers and domino tiles.



2. Find straight lines and line segments. How many straight lines and how many line segments can you see on the picture? Extend the lines using a ruler and mark the intersections points with any capital letters.





How many lines?_____ Name them: _____

How mane segments?_____ Name them:_____

3. Is it TRUE? 1 + 2 +3 = 4

Move one number to make it True. For example: 2 + 3 = 4 + 1

Move one number to make TRUE the following equations:

11 + 12 + 13 = 14 _____

3 + 9 + 6= 2 + 4 _____

21+ 22 + 24= 23_____

3 + 7 + 11 = 5 + 10 _____

11 + 21+16 = 2 + 3 _____

4. **a)** Rewrite each list of numbers in order: from least to greatest (ascending order):

115, 73, 473, 915, 15 _____

432, 423, 244, 424, 442 _____

b) Rewrite each list of numbers in order: from greatest to least (descending order):

144, 14, 414, 4, 441 _____

502, 512, 21, 210, 12 _____

5. Write the value of the underlined digit.

a. 45 – forty (4 tens)

b. 68 _____

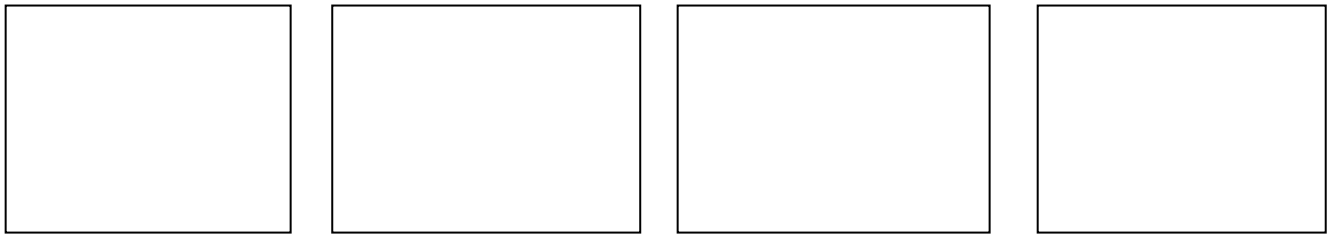
c. 719 _____

d. 801 _____

e. 430 _____

f. 182 _____

6. Using a ruler divide a given rectangle into 4 equal pieces in 4 different ways.



6. Calculate. Write one number in every space. For example:

1 hundred + 4 tens = 140

4 tens + 1 hundred = _____

14 tens = 1 tens + _____ ones

14 tens = _____ hundred + 4 tens

14 tens = _____ ones

7 ones + 5 hundreds = _____

8 hundreds = _____

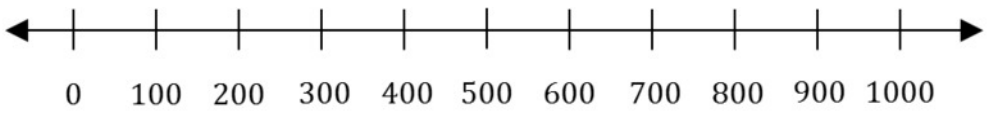
126 = 1 hundred + _____tens + _____ones

106 = _____tens + _____ones

90 + 300 + 4 = _____

7. Find a number greater than 0 and less than 1,000 that:

It is closer to 500 than 0, and it is closer to 200 than 500.



There are many correct answers to this problem. List here only the smallest and the greatest among correct answers.

8. Solve for x:

$x - 1 = 100$	$99 + x = 100$	$101 - x = 100$
$x =$	$x =$	$x =$
$x =$	$x =$	$x =$

9. Fill in the blanks with <, = or > to make the correct comparison.

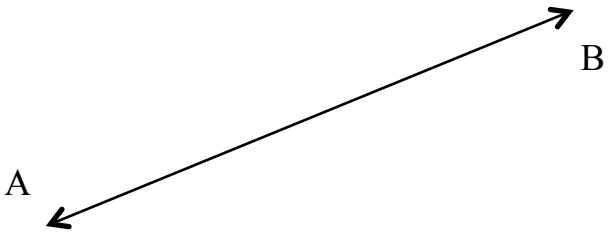
4 tens + 3 ones _____ 4 tens + 2 ones

8 tens + 0 ones _____ 0 tens + 8 ones

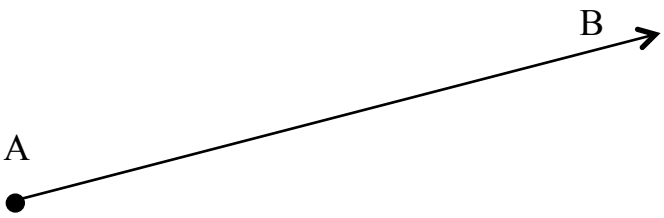
2 hundreds + 0 tens + 5 ones _____ 2 hundreds + 5 tens + 0 ones

5 hundreds + 2 ones _____ 50 tens + 2 ones

10. This line is called AB. It can also be called BA. Line BA is the same as line AB.



Is ray AB the same as ray BA? What do you think?



Can you measure lines? Can you measure rays? Explain.