school nova

Homework 4

1.

a) The perimeter of the rectangle is $12p$ centimeters and its length is $5p$ centimeters. What is the width of the rectangle?

b) Eraser cost t cents and a ruler cost 30 cents more. Express the total price of 4 erasers and 3 rulers.

c) ½ of a number is x. What is 3 times the number?

d) Multiply a number by 8, then add 8, then subtract 8 times the number from the result. What is always the answer?

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?

3.

$7 \times 4 =$	$5 \times 4 - 3 =$	$8 \times 8 - 2 =$	$9 \times 9 + 3 =$	$3 \times 5 =$
$2 \times 7 =$	$14 \div 7 =$	$6 \times 7 =$	$7 \times 5 - 4 =$	$11 \times 9 - 3$
$36 \div 3 =$	$3 \times 7 =$	$6 \times 5 + 2 =$	$11 \times 5 =$	$3 \times 4 + 1$
$90 \div 9 \times 4 =$	$7 \times 8 =$	$6 \times 7 - 1 =$	$2 \times 2 =$	$10 \times 3 =$

4.

Grandma made 45 liters of apple cider and 85 liters of grape juice. In September the family drank 18 liters of juice, and in October they drank twice as much. They finished the rest in November. How much juice did the family drink in November?

5. Using your ruler draw the following line segments.

[AB]=4cm, [DC] =1dm, [BF] = 6cm

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6. Compare without calculations:

4 x 31_____13 x 4   14 − 2_____14 + 2   32 x 2_____2 x 32

28 x 2 _____28 x 3   16 x 4 _____16 + 4   12 x 2____12 - 2

7. Solve for x. Use diagrams.

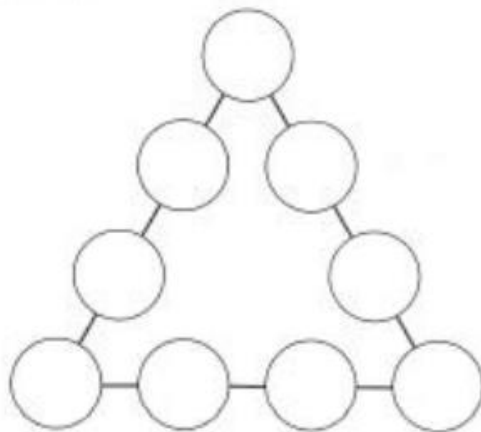$x + 13 = 421$ $354 − x = 82$ $x − 38 = 345$

8. The sum of the numbers on each side of the triangle below is a 20.

Fill in the circles using each of the numbers 1,2,3,4,5,6,7,8,9 once.

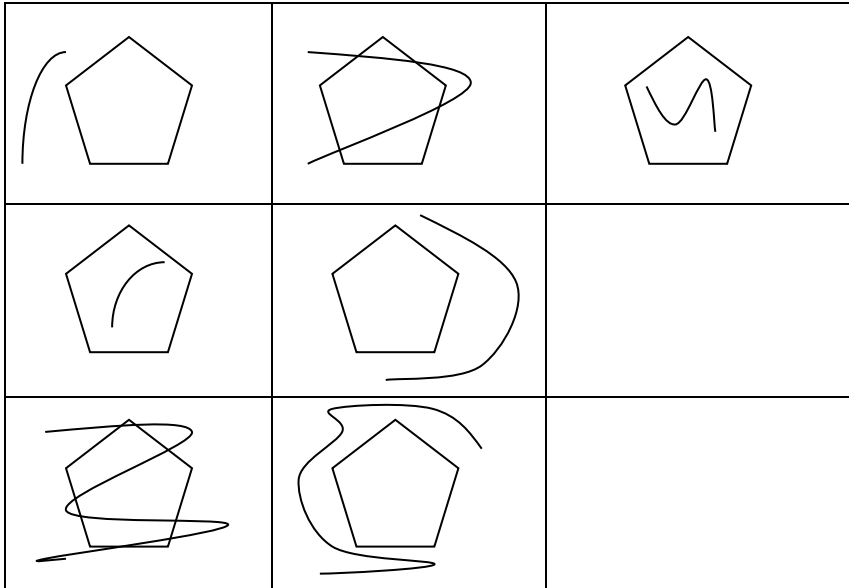**9.** Express in meters, decimeters, and centimeters.

485 cm = 4m + 8dm + 5cm   5 m 62 cm =

807 cm =   350 cm =

10. Complete the chart.

11.

Jane, Bill and Kelly each have one pet. They all own different types of pet.

Clue 1: Kelly's pet does not have a beak.

Clue 2: Bill's pet lives in a bowl.

Use this logic table to find out which pet each person owns.

	Goldfish	Dog	Budgie
Jane			
Bill			
Kelly			

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In a race the four fastest runners were Alice, Leah, Nadida and Anna.

a) Alice finished before Anna
b) Leah finished before Nadida
c) Nadida finished before Alice.

Decide who finished 1st, 2nd, 3rd, and 4th.