## Lesson 5

## Homework

1 Calculate like in the sample. Identify the pattern and write the last example.
$\begin{array}{r}\dot{-10} \\ -30 \\ -\quad 21 \\ \hline 9\end{array}$

$$
\begin{array}{r}
40 \\
-\frac{40}{22} \\
\hline
\end{array}
$$

$$
\begin{array}{rr}
-60 \\
-\frac{70}{24} & -\frac{70}{25} \\
\hline
\end{array}
$$

$$
\begin{array}{r}
80 \\
-86 \\
\hline
\end{array}
$$



2 In your notebook, solve the equations and write you solutions similarly to the example. Make all needed drawings. Copy your answers here.

$$
\begin{array}{lll}
\mathbf{x}+17=20 & 22-\mathbf{y}=9 & \mathbf{z - 1 2}=25 \\
x= & y= & z=
\end{array}
$$

3 Decipher the name of a hero from a fairy tale.

| A | 52+ |  | G $63+7$ |  |  | D $25+5$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I 52+28 |  |  | B 63+27 |  |  | L 25+25 |  |  |  |
| F | 14+ |  | O 14+26 |  |  | W 25-15 |  |  |  |
| 90 | 80 | 70 | 90 | 60 | 30 | 10 | 40 | 50 | 20 |
|  |  |  |  |  |  |  |  |  |  |


| 52 |
| ---: |
| $+\quad 8$ | | 52 |
| ---: |

4 Measure in cm:
$|A C|=$ $\qquad$ cm
| DE | = $\qquad$ cm
A
D
E

C

5 Who is heavier, Foxy Tail or Pop Eye if you know that $\mathrm{K}-\mathrm{L}=1$ $\qquad$


6 Fill in the empty rectangles:


7 Little Joe has planted 15 cucumbers and 5 more violets than cucumbers. How many plants has Little Joe planted altogether?

What do we know? $\qquad$
What do we need to find? $\qquad$
What operation do we need to use to find it?

1) $\qquad$
2) $\qquad$


## 8 What is the answer? <br> Compare rays [MN) and [NM)

List the clouds pierced by ray [MN):

List the clouds pierced by ray [NM):


List the clouds pierced by straight line MN: $\qquad$
Find the point where ray [CE) intersects straight line $\mathbf{D H}$. Label it $\boldsymbol{S}$.


Does ray [EC) intersect straight line DH? $\qquad$
Does ray [CE) intersect ray [DH)? $\qquad$
Does ray [CE) intersect ray [HD)? $\qquad$


9 Answer the questions:
a) Little Joe is 8 years old. How old will she be 5 years from now?
b) Foxy Tail is 9 years old. How old was he 3 years ago?
c) A year ago Jake the Mouse was 6 years old. How old will he be 4 years from now?

10

| + | 9 | 5 | 4 |
| :---: | :---: | :---: | :---: |
| 6 |  |  |  |
| 8 |  |  |  |
| 7 |  |  |  |


| + |  | 5 | 8 |
| :---: | :---: | :---: | :---: |
| 8 |  | 13 |  |
|  |  |  | 17 |
| 12 | 19 |  |  |


| + | 6 |  |  |
| :---: | :---: | :---: | :---: |
|  | 12 |  |  |
| 14 |  | 35 |  |
| 42 |  |  | 72 |

11 Today we will again play "hide-and-seek" with mice, and again you will be "it". As usual, the mice can hide only in the houses. Can you find each brother if you know that

1) Little Joe hides in the house with a chimney;
2) There is a square window in Pop Eye's house;
3) Jake the Mouse's house is the tallest one.



Foxy Tail


Jack the Mouse


Pop Eye


Little Joe

|  | Little Joe | Pop Eye | Foxy Tail | Jack the Mouse |
| :--- | :--- | :--- | :--- | :--- |
| House 1 |  |  |  |  |
| House 2 |  |  |  |  |
| House 3 |  |  |  |  |
| House 4 |  |  |  |  |

