## Math 3 <br> Homework 1

1
$\begin{array}{ll}\text { a) } 870+41= & \text { b) } 106+81=\end{array}$
c) $115+45+11=$

2
a) $410-27=$
b) $831-47=$
c) $257-49+43=$

3 Compare:
a) $6 \times 4=2 \times$
b) $4 \times$
$=6 \times 8$
c) $100 \times 5=50 \times$ $\qquad$
d) $50 \times 1=5 \times-$
e) $12 \times \ldots=8 \times 6$
f) $30 \times$ __ $=50 \times 3$

4 Place points $\mathbf{A}, \mathbf{B}, \mathbf{C}, \mathbf{D}, \mathbf{E}$ on the picture below. Points $\mathbf{A}$ and $\mathbf{C}$ should be on one side of the line $\boldsymbol{a}$ and the points $\mathbf{B}, \mathbf{D}$ and $\mathbf{E}$ on the opposite side of the line. Draw all possible rays that do not intersect the line $\boldsymbol{a}$ through each two points.


5 Fill in the table:

| $a$ | 2 | 7 | 5 | 3 | 5 | 3 | 4 | 6 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $a+4$ |  |  |  |  |  |  |  |  |
| $a \times 4$ |  |  |  |  |  |  |  |  |

6 Write down the numbers using digits:
 three hundred two six hundred twenty seven $\qquad$ one hundred eighty $\qquad$
eighty six $\qquad$
forty six
five hundred forty eight
nine hundred sixty
$\qquad$
$\qquad$
7 a) Lisa's bag fits into Ann's bag. Ann's bag fits into Clara's bag. Whose bag is the biggest? $\qquad$
b) Ben's tea is colder than Paul's tea but warmer than Christina's tea. Whose tea is the coldest? $\qquad$

8 Units of length.
a) $12 \mathrm{dm}=$ $\qquad$ cm
$10 \mathrm{~m}=$ $\qquad$ $\mathrm{dm}=$ $\qquad$ cm
b) $200 \mathrm{~cm}=$ $\qquad$ m
$20 \mathrm{dm}=$ $\qquad$ $\mathrm{cm}=$ $\qquad$ m

9 Units of mass. Write down a halfway mark between these measurements:
100 kg and 200 kg $\qquad$
10 kg and 2000 g $\qquad$
500 g and 2 kg

10 Calculate the money:

| $\$ 7.10$ |
| ---: |
| $+\$ 6.99$ |
| $+\$ 8.14$ |

11 Find perimeters of the following figures:


Perimeter $=$ $\qquad$ Perimeter $=$ $\qquad$

12 Solve for x and check your answers. Use a diagram if you need.
a) $x+122=441$
b) $x-105=410$
c) $401-x=115$
$\square$
a. How many small triangles can you see on each drawing?
b. How many are blue?
c. How many are white?
d. How many triangles will be in the next picture in this growing pattern? Can you draw them?


I
\# of small triangles = $\qquad$ \# of small triangles = $\qquad$ \# of small triangles = $\qquad$
\# of blue triangles = $\qquad$ \# of blue triangles = $\qquad$ \# of blue triangles = $\qquad$
\# of white triangles = $\qquad$


> , \# of white triangles = $\qquad$ \# of white triangles = $\qquad$

