

1.

Subtract. Then, check your answers by adding.

-	400	-	600	-	906	-	100	-	508
	285		513		359		5		31
+									

2.

Alex has  $a$  books, Boris has  $b$  books, and Victor has  $c$  books. Explain the meanings of the following expressions:

$a + b$  *how many books Alex and Boris had together;*

$a + c$  \_\_\_\_\_

$a - c$  \_\_\_\_\_

$b + c$  \_\_\_\_\_

$a + b + c$  \_\_\_\_\_

$b - c$  \_\_\_\_\_

3.

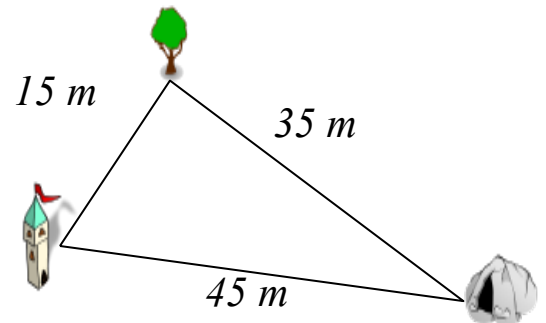
The distances between a tower, a tree, and a cave are shown in the drawing. What will you find out if you perform the following actions?

$15 + 15$      distance from tower to tree and back

$15 + 45$      \_\_\_\_\_

$45 + 35$      \_\_\_\_\_

$15 + 35 + 45$      \_\_\_\_\_



Homework 8

4. Compare using  $>$ ,  $<$ , or  $=$ .

$456 - c \square 365 - c$

$207 + d \square 720 + d$

$a + 25 \square a + 125$

$x - 111 \square x - 9$

$340 - 0 \square 340 + 0$

$b - 602 \square b - 62$

5. Draw two closed curves, one inside the other. Draw an open curve that intersects each of the closed curves at two points. Label the intersection points with any letters you choose.

6. Solve for  $x$ . Use diagrams. Check your answers.

$800 - x = 162$

$x + 487 = 503$

$x - 58 = 679$



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Homework 8

10.

I have 1 litre of sprite. I give 300ml to William, 200ml to Pau Pau and 250ml to Mickey. How much do I have left?

11.

Write down the following expressions:

The sum of  $m$  and  $n$  \_\_\_\_\_

The difference between  $34$  and  $x$  \_\_\_\_\_

The difference between  $200$  and  $48$  \_\_\_\_\_

The sum of  $3$  and  $18$  \_\_\_\_\_

12.

The \* is a missing one digit number. Is it possible to compare the lengths below?

2 dm \* cm  3 dm \* cm

7 dm \* cm  \* dm 9 cm

6 dm \* cm  6 dm 9 cm

2\* cm  5 dm 1 cm

13.

Fill in the missing digits in the empty boxes.

$$\begin{array}{r} + 3 \square 8 \\ \square 6 \square \\ \hline 599 \end{array}$$

$$\begin{array}{r} + \square 1 \square \\ 4 \square 7 \\ \hline 637 \end{array}$$

$$\begin{array}{r} + 2 \square \square \\ \square 5 9 \\ \hline 760 \end{array}$$

Homework 8

14. Remember the Addition property of Equality?

Imagine the scale when you solve the equations below!



$$X - 10 = 3 + 56$$

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$$x + 20 = 45 + 180$$

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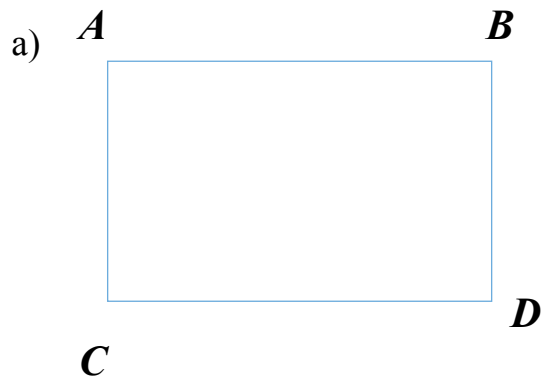
$$x - b = 10 - b$$

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15.

Find the perimeter of the figures below (use the ruler to measure)



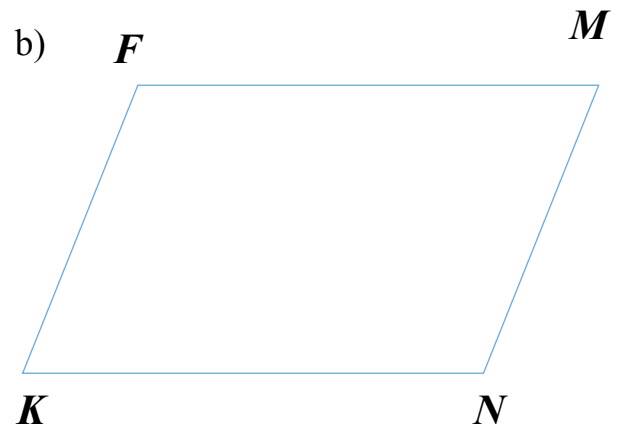
$$[AB] = \underline{\hspace{2cm}} \text{ cm}$$

$$[BD] = \underline{\hspace{2cm}} \text{ cm}$$

$$[CD] = \underline{\hspace{2cm}} \text{ cm}$$

$$[AC] = \underline{\hspace{2cm}} \text{ cm}$$

$$P = \underline{\hspace{4cm}}$$



$$\underline{\hspace{4cm}}$$

$$\underline{\hspace{4cm}}$$

$$\underline{\hspace{4cm}}$$

$$\underline{\hspace{4cm}}$$

$$P = \underline{\hspace{4cm}}$$

## Homework 8