

1

Compare:

$a _ a + c$

$a + b _ b + a$

$38 - b _ 68 - b$

$b _ b - 5$

$k + 26 _ 62 + k$


$a - 0 _ a + 0$

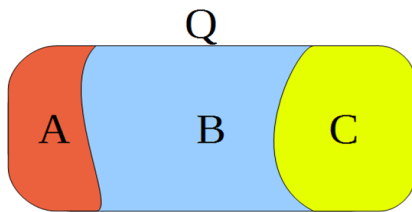
$4 _ d - d$

$54 + n _ 54 - n$

$c - 19 _ c - 90$

2

Analyze the whole and the parts: 



$Q = A + B + C$

$B = \underline{Q - A - \dots}$

$A + B = \underline{Q - \dots}$

$A + C = \underline{\hspace{2cm}}$

Write down the expressions:

3

a) There are **3** books on a shelf. **One** book was added. How many books are on the shelf now?

b) There are **m** books on a shelf. **One** book was added. How many books are on the shelf now?

c) There are **k** books on a shelf. **n** books were added. How many books are on the shelf now?


d) There are **3** books on one shelf and **6** books on another shelf. How many more books are on the second shelf than on the first one? _____

e) There are **c** books on the first shelf and **b** on the second. How many more books are on the second shelf than on the first one? _____

f) There are **3** books on one shelf and **6** books on another. How many books will remain on both shelves after **4** books are taken away? _____

g) There are **a** books on one shelf and **b** books on another. How many books will remain on both shelves after **c** books are taken away? _____

4

Mark the order of operations and calculate (do NOT open parentheses): 

$12 + 8 - 7 + 13 = \underline{\hspace{2cm}}$

$(12 + 8) - (7 + 13) = \underline{\hspace{2cm}}$

$12 + (8 - 7 + 13) = \underline{\hspace{2cm}}$

10


Solve for x. Check your answers.

$$31 - x = 22$$

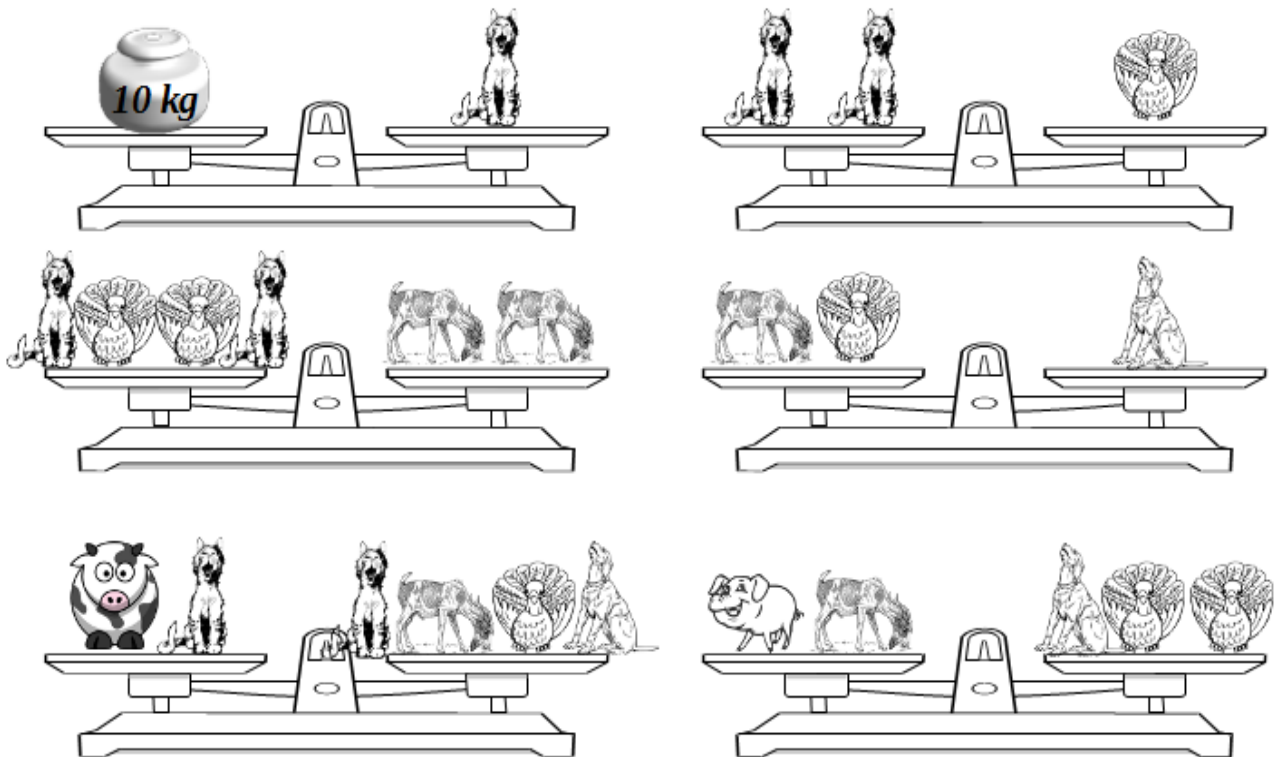
$$x + 107 = 235$$

$$x - 18 = 29 + 125$$


11

Find the weights of animals. 

The cat weighs kg	The turkey weighs kg
The dog weighs kg	The piglet weighs kg
The goat weighs kg	The cow weighs kg



12

 Insert operation signs +, - to get correct equalities:

a) $8 _ 6 _ 1 _ 7 _ 9 _ 3 = 20$

b) $7 _ 9 _ 8 _ 4 _ 3 _ 5 = 20$

13

Calculate and express the answers in cm:

a) $8\text{dm } 1\text{cm} + 9\text{ cm} =$

b) $9\text{dm} - 5\text{ cm} =$

c) $8\text{dm} + 3\text{m } 2\text{dm} =$

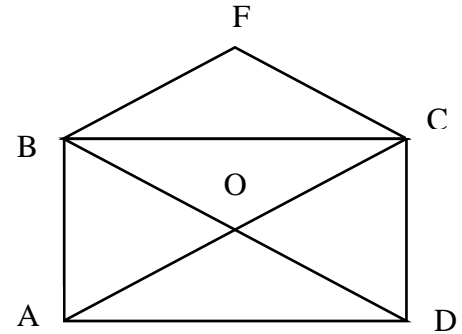
d) $5\text{m} - 9\text{dm} =$

14

How many triangles and quadrilaterals can you find on the sketch below. Write down all names.

Triangles: ABC, _____

Quadrilaterals: ABCD, _____




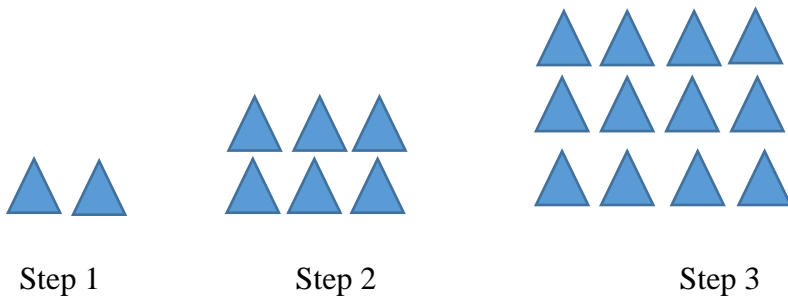
15

The perimeter of the square is 32cm. Imagine the rectangle with a length equal to the square's side, and the width is 3cm shorter. Find the perimeter of the rectangle.

P = _____

16

Look at the pattern and draw steps 4, 5, and 6. Make a drawing for each step. 



HAVE FUN! HAPPY HOLIDAYS TO YOU AND YOUR FAMILY!