

1

Solve equations:

$x + 209 = 507$

$x = \underline{\hspace{2cm}}$

$x = \underline{\hspace{2cm}}$

$905 - x = 459$

$x = \underline{\hspace{2cm}}$

$x = \underline{\hspace{2cm}}$

$x - 307 = 428$

$x = \underline{\hspace{2cm}}$

$x = \underline{\hspace{2cm}}$

Check:  $\underline{\hspace{2cm}}$        $\underline{\hspace{2cm}}$        $\underline{\hspace{2cm}}$

2

Write an expression for each problem.

There are  $m$  fish in an aquarium, and then  $k$  more fish were added. How many fish are in the aquarium?

$\underline{\hspace{10cm}}$

There are  $d$  fish in the aquarium, and we remove  $p$  fish from the aquarium. How many fish are in the aquarium?

$\underline{\hspace{10cm}}$

There are  $f$  fish in the first aquarium and  $j$  fish in the second aquarium. How many more fish are in the first aquarium than in the second one?

$\underline{\hspace{10cm}}$

There are  $n$  fish in the first aquarium and  $t$  fish in the second aquarium. We remove  $b$  fish from the first aquarium. How many fish are in both aquariums?

$\underline{\hspace{10cm}}$

3

Mark the order of operations and find the result:

$23 + (9 - 7) = \underline{\hspace{2cm}}$        $60 - (4 + 7) + 4 - (10 - 8) = \underline{\hspace{2cm}}$

$13 - 3 + 9 = \underline{\hspace{2cm}}$        $27 - (4 + 3) - 1 - (10 + 5) = \underline{\hspace{2cm}}$

$20 - (3 + 2 - 1) = \underline{\hspace{2cm}}$        $50 - (14 + 6) - 1 - (10 - 5) = \underline{\hspace{2cm}}$

4

Open the parentheses, simplify if possible:

$59 + (k + b) = \underline{\hspace{2cm}}$

$100 + (p - 15) = \underline{\hspace{2cm}}$

$a + 3(k + b) = \underline{\hspace{2cm}}$

$52 - 2(p + 15) = \underline{\hspace{2cm}}$

$56 + 5(k - b) = \underline{\hspace{2cm}}$

$52 - 2(p - 15) = \underline{\hspace{2cm}}$

## HW 28

5

Convert the following measurements.

$$1 \text{ m } 2 \text{ dm } 7 \text{ cm} = \underline{\hspace{2cm}} \text{ cm} \quad 270 \text{ cm} = \underline{\hspace{2cm}} \text{ dm} \quad 3 \text{ m } 7 \text{ cm} = \underline{\hspace{2cm}} \text{ cm}$$

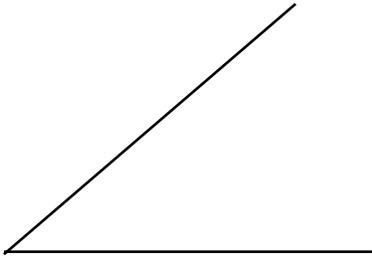
$$507 \text{ cm} = \underline{\hspace{1cm}} \text{ m } \underline{\hspace{1cm}} \text{ cm} \quad 40 \text{ m} = \underline{\hspace{2cm}} \text{ cm} \quad 29 \text{ cm} = \underline{\hspace{1cm}} \text{ dm } \underline{\hspace{1cm}} \text{ cm}$$

$$911 \text{ cm} = \underline{\hspace{1cm}} \text{ dm } \underline{\hspace{1cm}} \text{ cm} \quad 30 \text{ dm} = \underline{\hspace{2cm}} \text{ m} \quad 5 \text{ m } 4 \text{ dm} = \underline{\hspace{2cm}} \text{ cm}$$

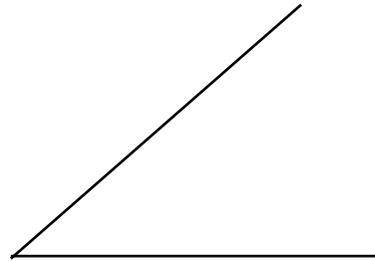
6

Draw a second angle for each case so that the intersection of the two angles would be:

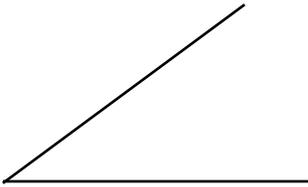
a) ... a point;



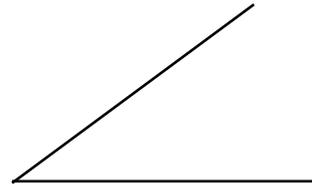
c) ...a triangle.



b) ... a ray;



d) ...a line segments



7

Compare:

$$28 - 5 \square 28 - (5 + 1)$$

$$28 + 5 \square 28 + (5 + 1)$$

$$28 - 5 \square 28 - (5 - 2)$$

$$28 + 5 \square 28 + (5 - 1)$$

$$28 - 5 \square 28 - (5 + a)$$

$$28 + 5 \square 28 + (5 + a)$$

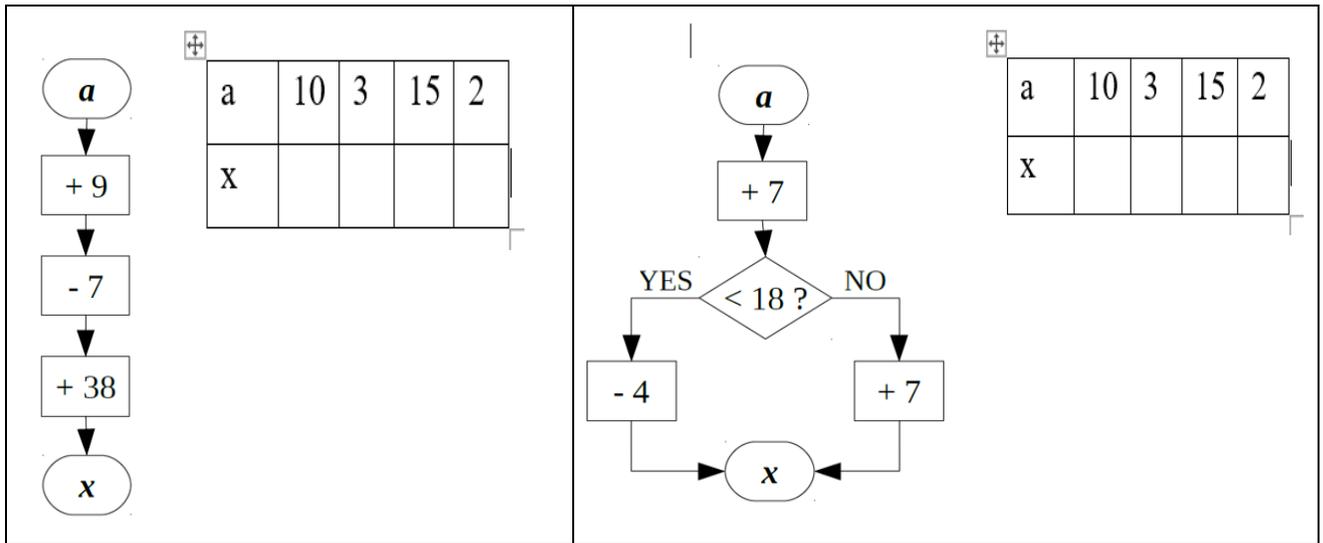
$$28 - 5 \square 28 - (5 - b)$$

$$28 + 5 \square 28 + (5 - b)$$

8

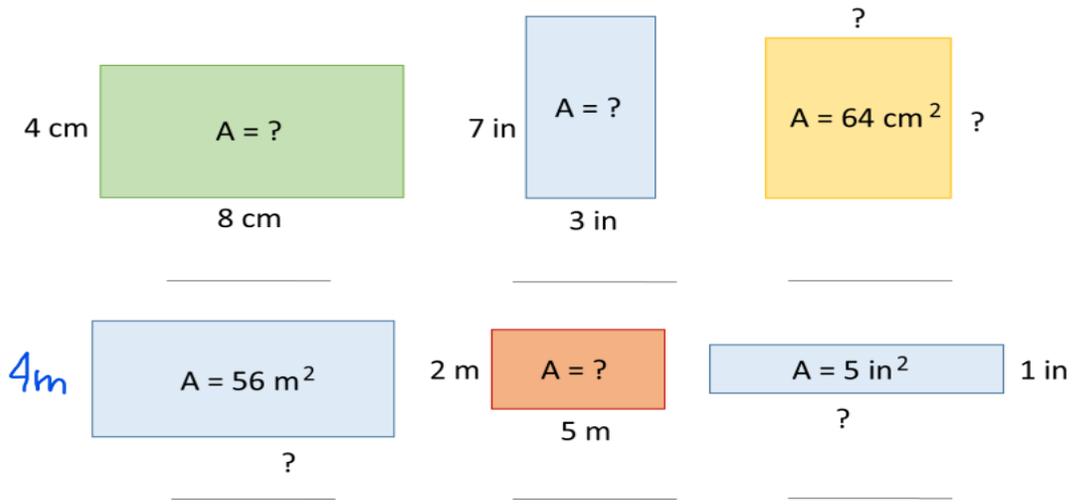
### HW 28

Perform the actions according to the algorithms in the drawing below. Which of these algorithms is linear and which is branching?



9

Find: 1) area or side of each rectangle 2) perimeter of each rectangle.



10

Compare:

$6 \times 2$ <input type="checkbox"/> $6 : 2$	$c \times 2 + c$ <input type="checkbox"/> $c \times 3$	$5 \times 2$ <input type="checkbox"/> $5 + 2$
$7 \times 3$ <input type="checkbox"/> $6 + 6 + 6$	$y \times 4 + y \times 2$ <input type="checkbox"/> $y \times 5$	$q \times 2$ <input type="checkbox"/> $q : 2$
$6 : 3$ <input type="checkbox"/> $6 : 2$	$24 : 6$ <input type="checkbox"/> $24 : 4$	$t : 2$ <input type="checkbox"/> $t : 3$

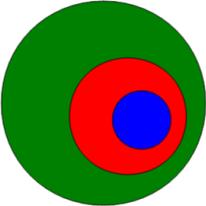
11

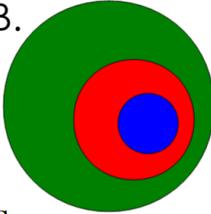
For each multiplication fact, write also a division fact.

a. $7 \times 2 = \underline{\quad}$ $\underline{\quad} \div 2 = \underline{\quad}$	b. $12 \times 2 = \underline{\quad}$ $\underline{\quad} \div 2 = \underline{\quad}$	c. $8 \times 5 = \underline{\quad}$ $\underline{\quad} \div 5 = \underline{\quad}$
d. $6 \times 7 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	e. $7 \times 7 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	f. $11 \times 3 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
g. $9 \times 8 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	h. $1 \times 5 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	i. $7 \times 9 = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$

12

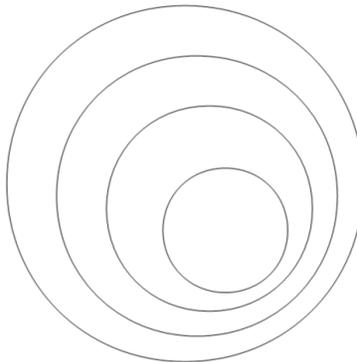
Color the circles that represent different groups

A.   - Buses  
 - Cars  
 - School Buses

B.   - Children  
 - People  
 - Girls

13

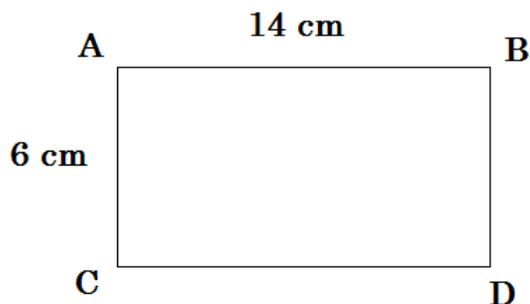
Color the circles using the table:



Sets of	
	- Predators
	- Tigers
	- Bengal tigers
	- Animals

14

Find perimeter (the total length of the sides) of the rectangle ABCD three ways:



- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_

## HW 28

Write down an equation and solve it:

15

- a) The first addend is unknown, the second is 13. The sum is 75. Check!

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✓

- b) Subtract 47 from  $x$  and get 52. Check your answer.

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✓

16

Write an equation for the problem and solve.

- a) 24 apples were equally divided between  $x$  people. Each person got 6 apples.

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- b) Kate had total 56 toys. She prepared  $y$  goody bags with 8 toys in each bag.  
How many goody bags were in each bag?

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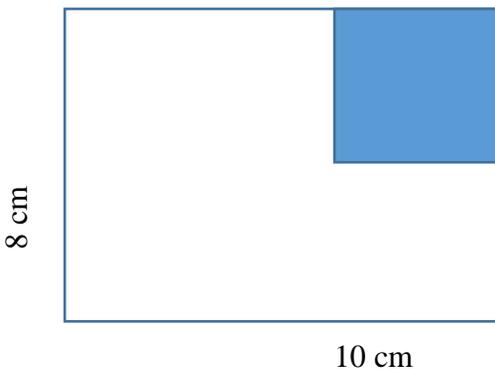
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17.

Find the area of a white shape two different ways, if you know that the blue shape is a square with a side of 5 cm.



1) \_\_\_\_\_  
\_\_\_\_\_

2) \_\_\_\_\_  
\_\_\_\_\_