



TIME your work:

Start: _____ **finish:** _____ **Total time spent:** _____

What did we learn this year?

1 Calculate:

		7	6			4	5	2			6	2	8			3	6	8	8		
		+	1	8		-		4	4		+	1	5	3		+	1	5	9	4	

		5	4			6	2			3	3			5	4	3					
		x		5		x		4		x		7		x		3					

2 Solve equations, make sure you check your results!

$$26 + y = 39$$

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

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

Check: _____

$$x - 63 = 18$$

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

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

Check: _____

$$z \times 4 = 24$$

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

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

Check: _____

3

Write down the numerical expression and find the value:

a) Subtract 15 from the sum of 25 and 13: _____

b) Add 102 to the difference between 22 and 15: _____

c) Multiply the difference between 25 and 17 by 3: _____

4

Write down an expression which matches the statement:

a) There are 7 red apples and 5 green apples in a basket. How many apples altogether are in the basket? _____

b) There are d apples in a basket, and we take away 5 apples. How many apples are left in the basket? _____

c) Peter read 3 books last month and his mother read two more books than he did. How many books they read altogether last month? _____

d) Julia had N red apples and K green apples. She gave n red apples and k green apples to her friend.

-How many apples total did she have at the beginning: _____

-How many apples total did she have at the end? _____

5

Mark the order of operations and calculate:

$4 \times 3 + 2 = \underline{\hspace{2cm}}$

$12 - 3 \times 2 = \underline{\hspace{2cm}}$

$(4 + 3) \times 2 = \underline{\hspace{2cm}}$

$12 \times 2 - 3 \times 2 = \underline{\hspace{2cm}}$

$5 \times 4 - 2 = \underline{\hspace{2cm}}$

$5 \times (4 - 2) = \underline{\hspace{2cm}}$

6

Compare expressions using $>$, $<$, or $=$:

$a \square a + c$

$a + b \square b + a$

$38 - b \square 68 - b$

$b \square b - 5$

$k + 26 \square 62 + k$

$a - 0 \square a + 0$

$4 + 4 \square 4 \times 4$

$25 \div 5 \square 25 - 5$

$4 \times 6 \square 8 \times 3$

7

Convert the following measurements.

3 m 5dm 6 cm = _____ cm

3m 6 cm = _____ cm

325 cm = _____ m _____ dm _____ cm

56 cm = _____ dm _____ cm

3kg = _____ g

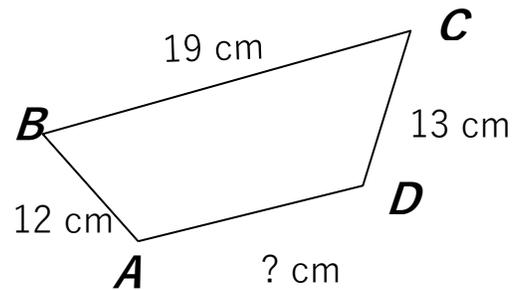
5000mL = _____ L

6000g = _____ kg

7L = _____ mL

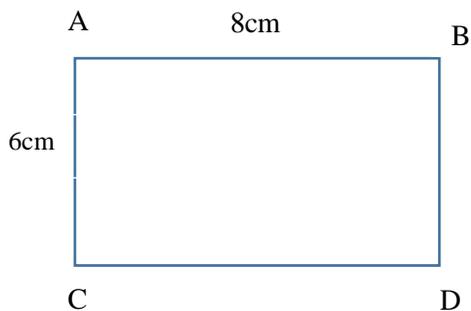
8

a) The perimeter of the quadrilateral $ABCD$ equals 55cm. What is the length of side AD ?



9

Find the perimeter (P) and area (A) of the rectangle ABCD:



P= _____

A= _____

10

Find the coordinates of the objects on the plane. Draw an apple at the position (8,2)



(,)



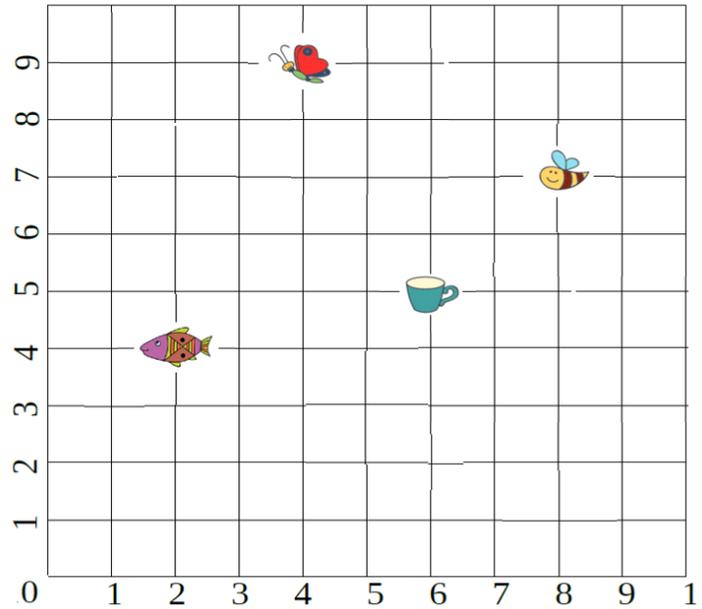
(,)



(,)



(,)



11

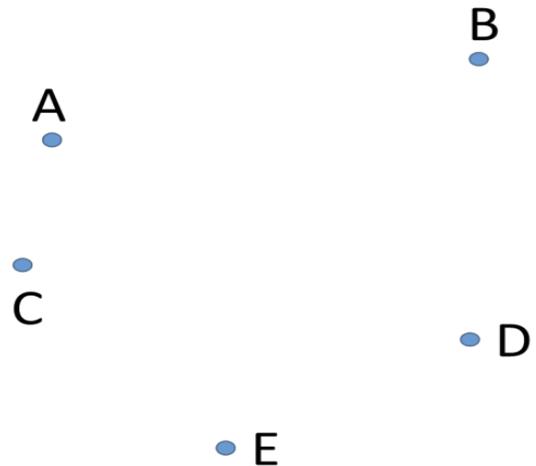
a) Use a ruler and draw:

- Draw a straight line \overleftrightarrow{AD} .
- Draw a line segment \overline{CB} .
- Label the intersection K .
- Draw a ray \overrightarrow{KE}

b) Make a right-angle template.

Using a template check if:

- Is angle $\angle CKE$ obtuse? (YES, NO)
- Is angle $\angle CKB$ acute (YES, NO)
- Is angle $\angle BKD$ acute (YES, NO)
- Is angle $\angle AKE$ obtuse (YES, NO)



12

Open parenthesis:

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

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

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

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

BONUS PROBLEMS

Do them only if you have time after you finished and checked all the problems.

13*

How can you simplify the following? Remember the orders of operations!

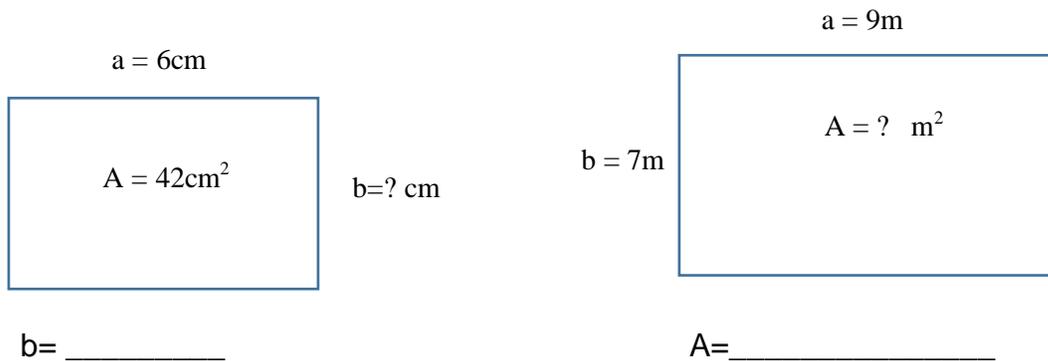
1) $6(3 + a) + 90 \div 10 + a =$ _____

2) $4 \times 7 + 2(4 - a) =$ _____

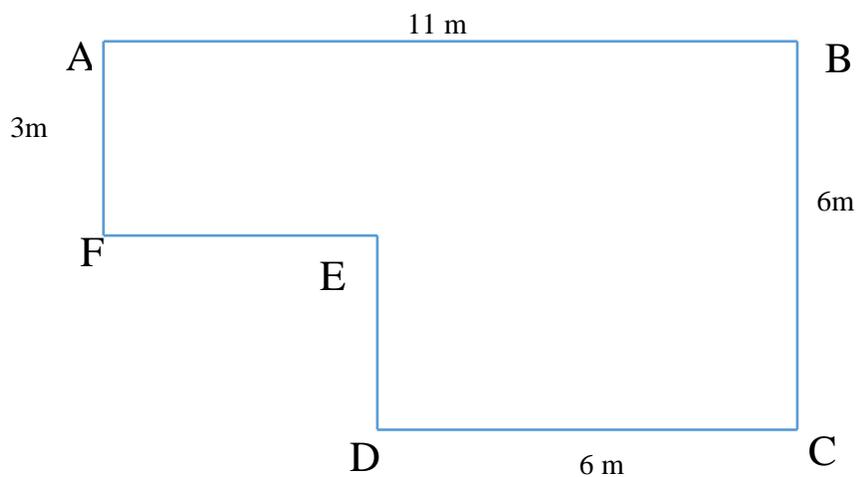
3) $4 \times 6 - 2 \times 5 + 24 \div 8 =$ _____

14*

Find area or side of the rectangle.

**15***

Find the perimeter of and the area of the following figure, if you know some of the sides:



$P =$ _____

$A =$ _____