Math 2 Homework 25

_____TIME FIRST PAGE_____

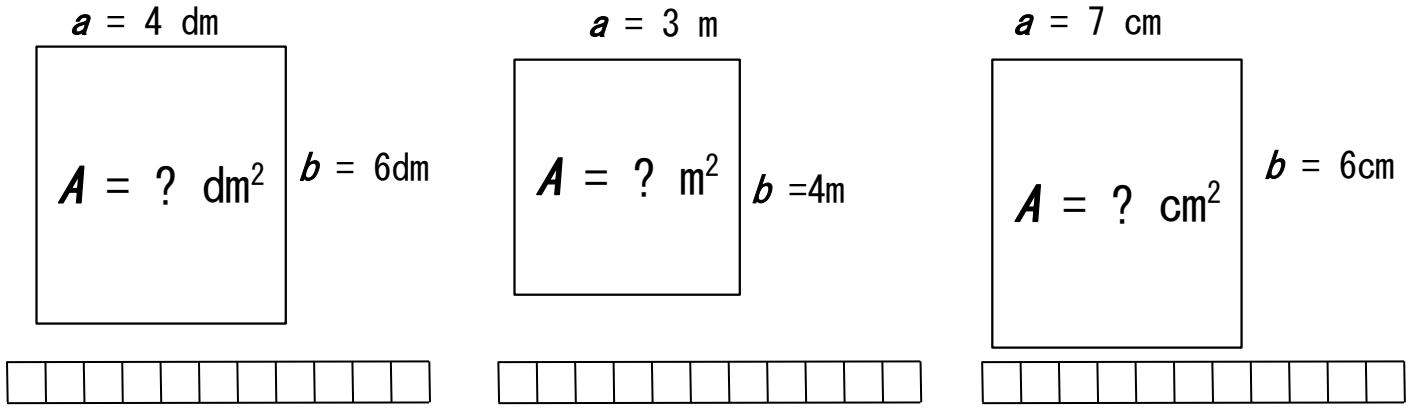
1 Find all mistakes and correct them:

$7 \times 3 > 21$	$9 \times 9 > 79$	$7 \times 6 > 48$	$8 \times 9 < 76$
$42 < 7 \times 6$	$63 < 7 \times 9$	$6 \times 3 > 15$	$8 \times 4 > 24$

2 Calculate:

20 x 30 =	15x 100 =	200 x 2 =
50 x 5 =	25 x 20 =	40 x 5 =

3 Find the Area of the rectangles. Write your answer below, don't forget the units of measure!



4 Convert the measurements:

1 m = 10 dm = 100 cm

1 m^2 = 100 dm^2 = 10000 cm^2

400 cm = ____ dm	400 cm^2 = ____dm^2	400 cm = ____ m
700 dm^2 = ____ m^2	2 m = ____ cm = ___ dm	6 m^2 = ____ dm^2
2 dm^2 = ____ cm^2	50 dm = ____ cm = ___ m	800 dm^2 = ____ m^2

Report the time you spent: _____ minutes

HW 25

5

Daniel has a few boxes with pencils. In each box there are either 3 or 5 pencils.
All boxes are closed, and he cannot open them. Answer each question by writing the expression how he can do it.

a) Can he take exactly 29 pencils without opening any boxes? If he can - how?

_____

b) Can he take 14 pencils without opening any boxes? If he can - how?

_____

c) Can he take 31 pencils without opening any boxes? If he can - how?

_____

6

Fill in the empty boxes to make all equalities correct.

	×	3	=	
+		+		-
5	×		=	
=		=		=
	-		=	4

	×		=	12
+		+		:
	-	3	=	
=		=		=
10	-		=	

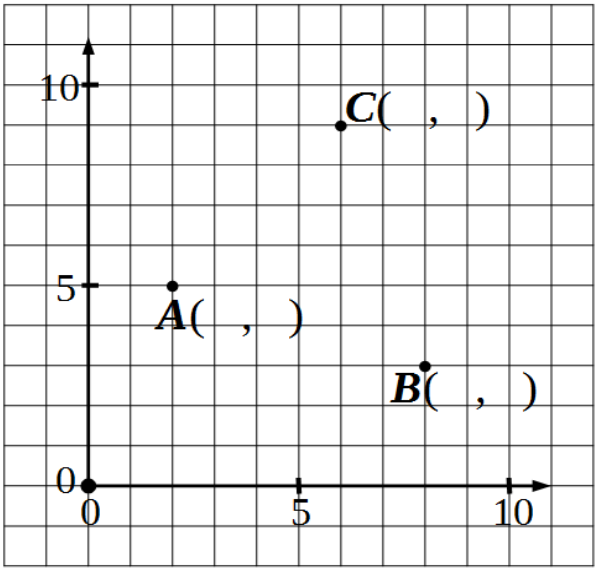
7

Find coordinates of the points A, B and C

A **(,)**

B **(,)**

C **(,)**



Plot points

D (3, 2)

E (11, 5)

F (4, 12)

G (7, 5)

HW 25

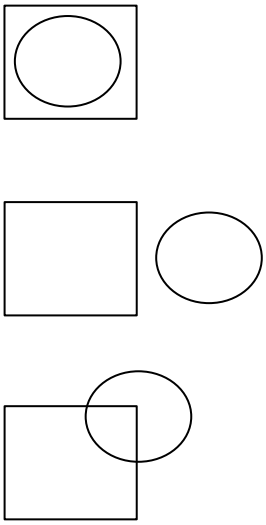
8

Calculate:

48 ÷ 8 =	45 ÷ 9 =	54 ÷ 9 =	30 ÷ 5 =
95 – 90 =	3 × 2 =	18 ÷ 3 =	30 ÷ 6 =

9

Connect each pair of sets with the corresponding Venn diagram.



- Set of apples
- Set of oranges

- Set of apples
- Set of sour apples

- Set of sweet fruits
- Set of apples

10

The rope of 15 meters long was cut into 3 equal parts. How many parts of the same length can we get if we have a rope of 40 meters long? Show your work.

_____

_____

11.

Insert signs to make an equality correct (+, –, ×, ÷)

9 9 9 9 = 100

12

a) Without calculations, write all expressions in the descending order (from the largest to smallest):

12 × 123, 123 × 14, 123 ×17, 18 × 123, 123 × 15, 13 × 123

_____

b) Without calculations, write all expressions in ascending order (from the smallest to largest):

210 ÷ 1, 210÷ 15, 210 ÷13, 210 ÷ 10, 210 ÷ 16, 210 ÷ 12

_____