POLYGON: AREA: RECTANGLE, SQUARE, PARALLELOGRAM & TRAPEZOID

Name: _____ Number: _____ Grade: ____

Check your answers, take pictures and upload image via Class Point/Line

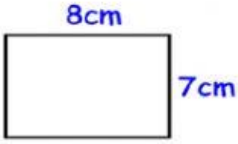
RECTANGLE & TRIANGLE

Question 1: Calculate the area of each of these rectangles

(a)



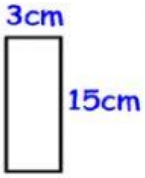
(b)



(c)



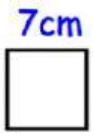
(d)



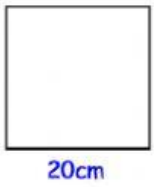
Answer: (a) ____ (b) ____ (c) ____ (d) ____

Question 2: Workout the area of each of these squares

(a)



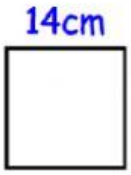
(b)



(c)



(d)

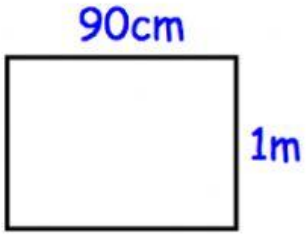


drag the answers for question 1 & 2 from the table below;

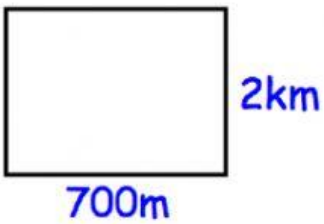
45	81	400	49
24	196	56	45

Question 3: Workout the area of each of these rectangles (answers in 'm^2')

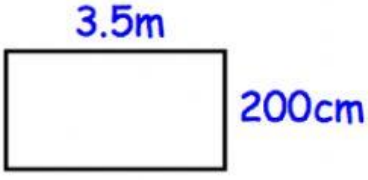
(a)



(b)



(c)

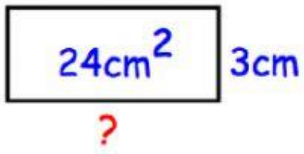


Answer: (a) ___ (b) ___ (c) ___

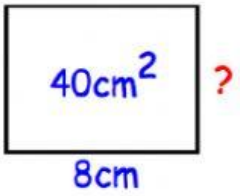
LIVEWORKSHEETS

Question 4: The area of each of these rectangles have been given. Find the length of the missing sides.

(a)



(b)



(c)



drag the answers for question 3 & 4 from the table below;

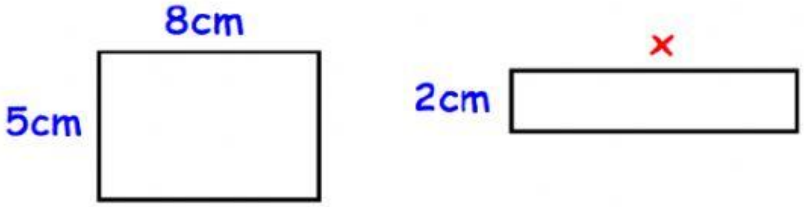
5	7	8	1400000	2	0.9

Apply 1: A farmer has a field that is 300m long and 70m wide. Calculate the area of the field.



AREA: ____

Apply 2: These two rectangles have the same area. Find the length of the second rectangle. **X = ____**



Apply 3: A rectangle has an area of 80cm² and a perimeter of 48cm. Find the length and width of the rectangle

Length: ___ Width: ___

Apply 4: A football pitch is 110m long and has a perimeter of 360m. Find the area of the football pitch.



Area: __

Drag the answers from the table below to the apply: 1,2,3,4

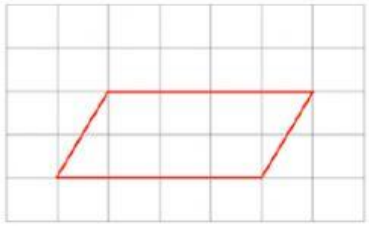
7700	200	4	21000	20

LIVEWORKSHEETS

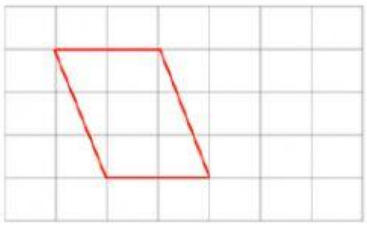
Parallelogram;

Question 1: The following parallelograms are drawn on centimeters-squared paper. Find the area of each. **Answer: (a) ____ (b) ___**

(a)

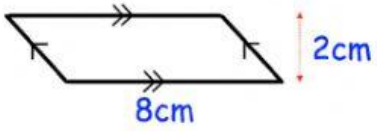


(b)

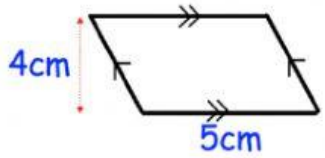


Question 2: Work out the area of each of the parallelograms below.

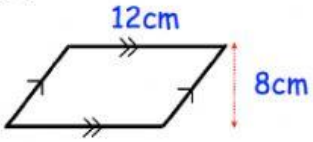
(a)



(b)



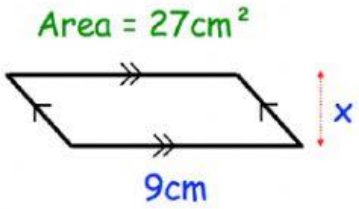
(c)



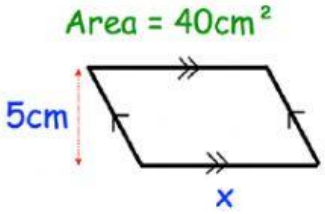
(a) ____ (b) ____ (c) ____

Question 4: The areas of each of the parallelograms has been given. Calculate the length of the missing sides. **(a) ___ (b) ___**

(a)

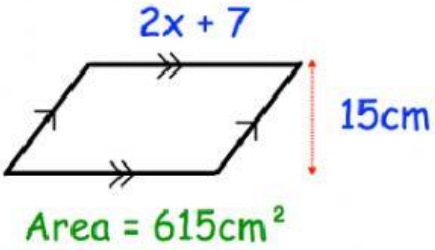


(b)



Apply

Question 2: Find x



X = ____

Drag the Parallelogram answers from here

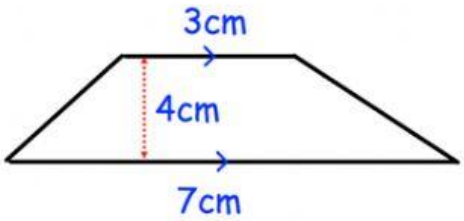
$8cm^2$	17cm	3cm	96
$6cm^2$	$16cm^2$	8cm	$20cm^2$

LIVEWORKSHEETS

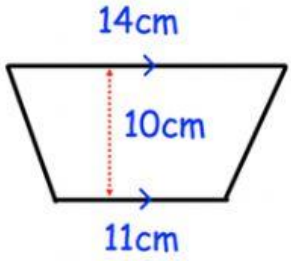
Trapezoid

Question 2: Find the area of each trapezium.

(a)



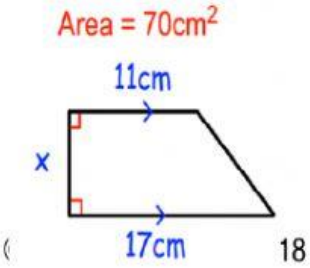
(b)



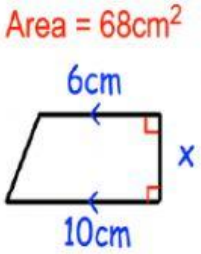
Drop (a) _____ **(b)** _____

Question 3: Find x for each trapezium.

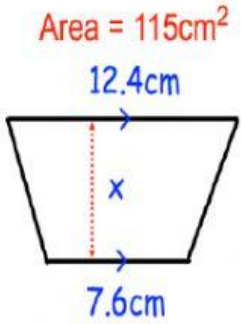
(a)



(b)



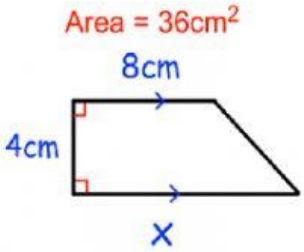
(c)



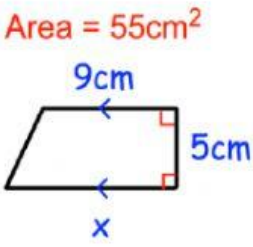
Drop: 3 (a) ____ **(b)** ____ **(c)** ____

Question 4: Find x for each trapezium.

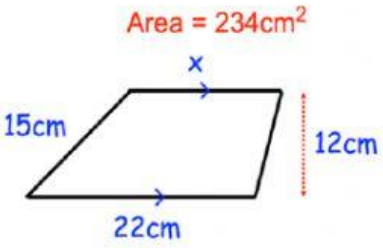
(a)



(b)



(c)



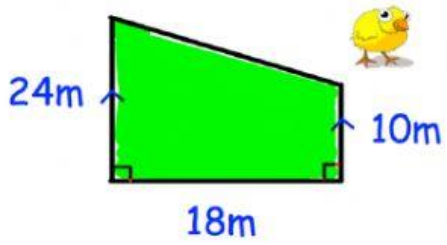
Drop: 4 (a) ____ **(b)** ____ **(c)** ____

10	**17.7**	**20**	**5cm**	**17**
125	**11.5**	**102**	**13**	**8.5**

LIVEWORKSHEETS

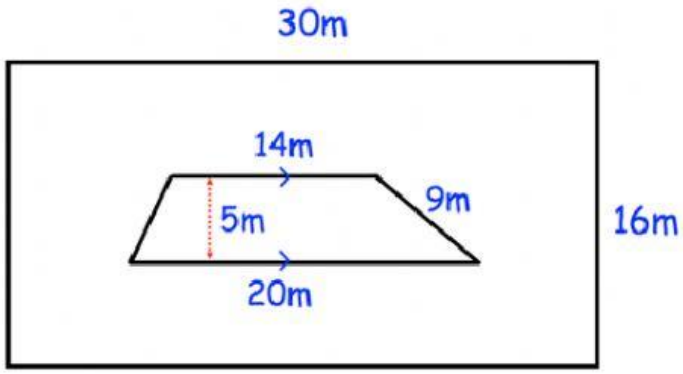
Apply: Drag the answers also from the table above

Question 2: Mr. Taylor keeps chickens in the field shown. Each chicken needs $3m^2$. What is the maximum number of chickens she can keep in the field?



Answer: ____

Question 3: Shown is a rectangular garden. There is a Flowerbed in the shape of a trapezium. What percentage of the garden does the flowerbed cover? Answer: ____%



Upload your Image after you've checked your answers via Class Point or Line Id: gpower11. By T.OJO

LIVEWORKSHEETS