



P. 5 1st term Mathematics
Module 3: Area of trapezium
Classroom Worksheet (1)

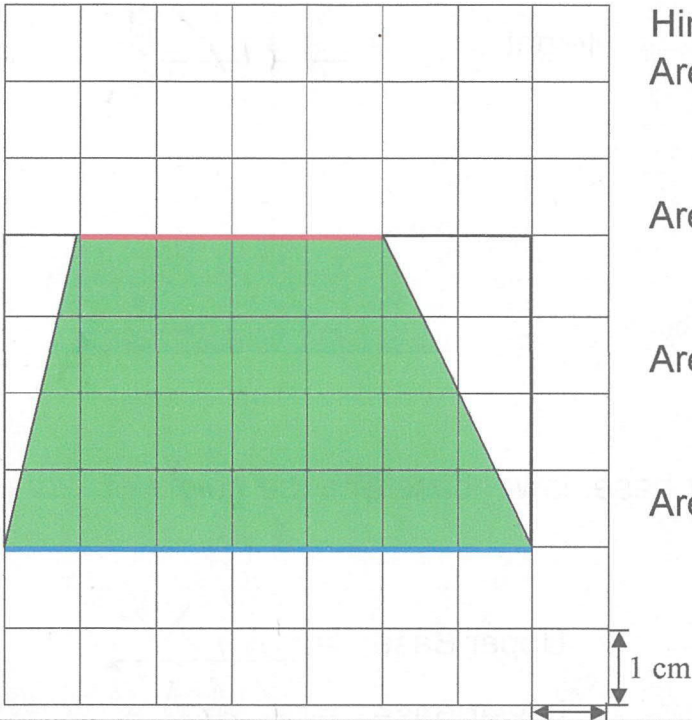
Name: _____

Class: _____

Date:

Marks: 6/9

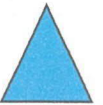
1. Find the area of the trapezium below.



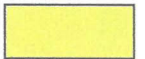
Hint:

Area of parallelogram = Base X Height

Area of triangle = $\frac{\text{Base X Height}}{2}$



Area of rectangle = Length X Width



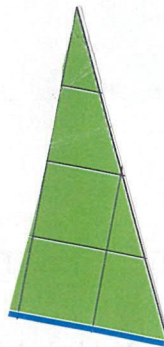
Area of square = Length of one side X
Length of one side



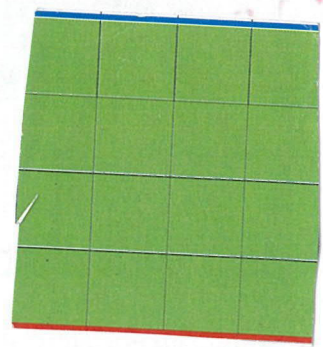
Show your work here.



$$\frac{1 \times 4}{2} = 2 \text{ cm}$$



$$\frac{2 \times 4}{2} = 4$$



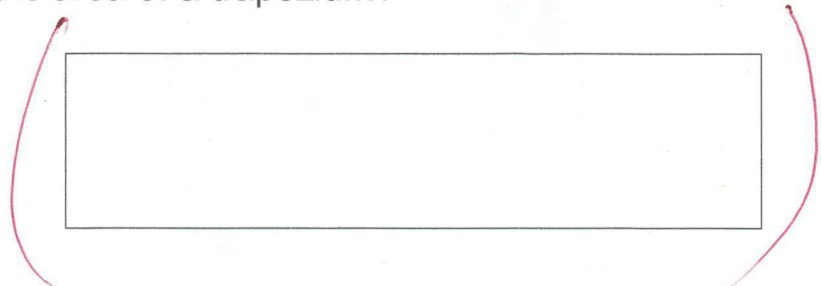
$$4 \times 4$$

$$2 + 4 + 16 = 22$$

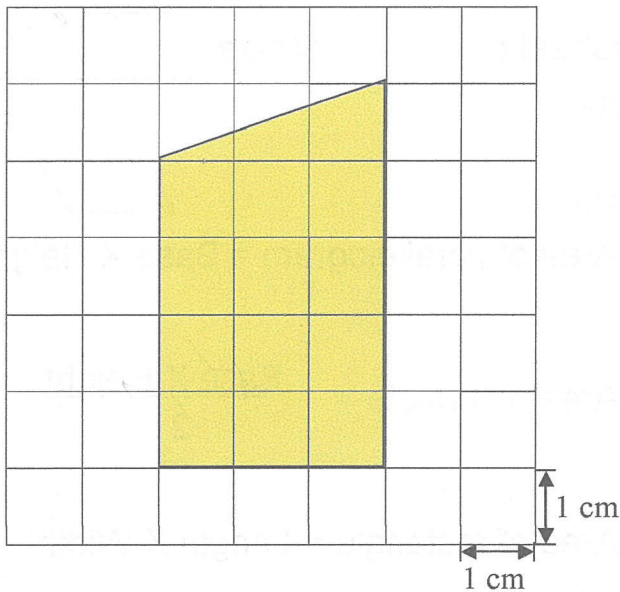
Answer : 22 cm²

Do you know how to find the area of a trapezium?

Area of a trapezium =



2.

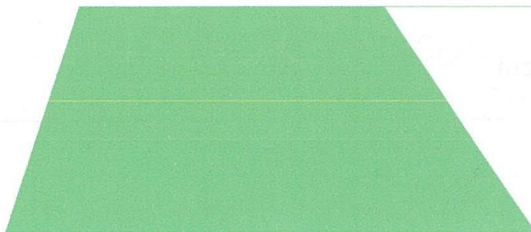


Upper Base = 4 cm

Lower Base = 5 cm

Height = 3 cm

3. Use a ruler to measure the upper base, lower base and the height of the following trapezium.



Upper Base = 5 cm

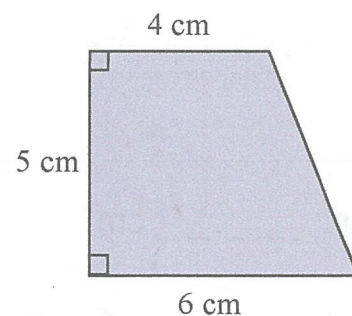
Lower Base = 3 cm

Height = 3 cm

4. Find the area of the trapezium on the right.

$$\frac{(\text{Upper Base} + \text{Lower Base}) \times \text{Height}}{2}$$

Answer : 21.5 cm²





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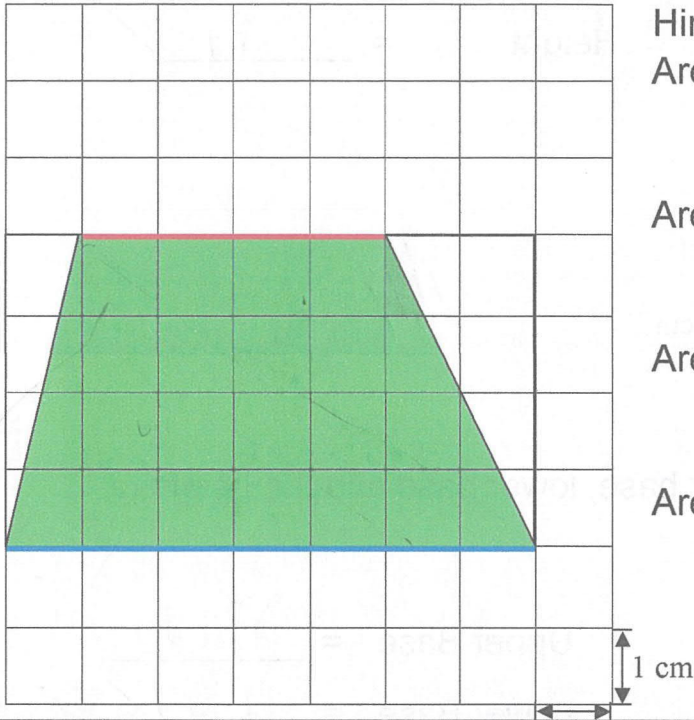
Name:

Class:

Date: 4-11-2020

Marks: 5/9

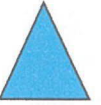
1. Find the area of the trapezium below.



Hint:

Area of parallelogram = Base X Height

Area of triangle = $\frac{\text{Base X Height}}{2}$



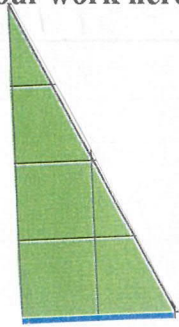
Area of rectangle = Length X Width



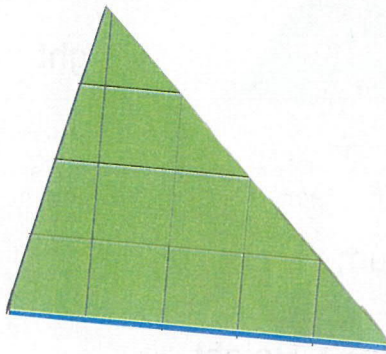
Area of square = Length of one side X
Length of one side



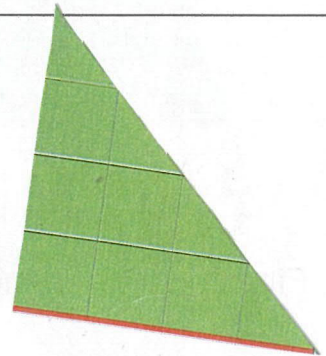
Show your work here.



$$\frac{4 \times 2}{2} = 4$$



$$\frac{4 \times 5}{2} = 10$$



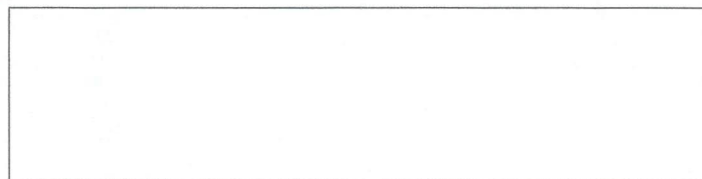
$$\frac{4 \times 4}{2} = 8$$

Answer : 22 cm²

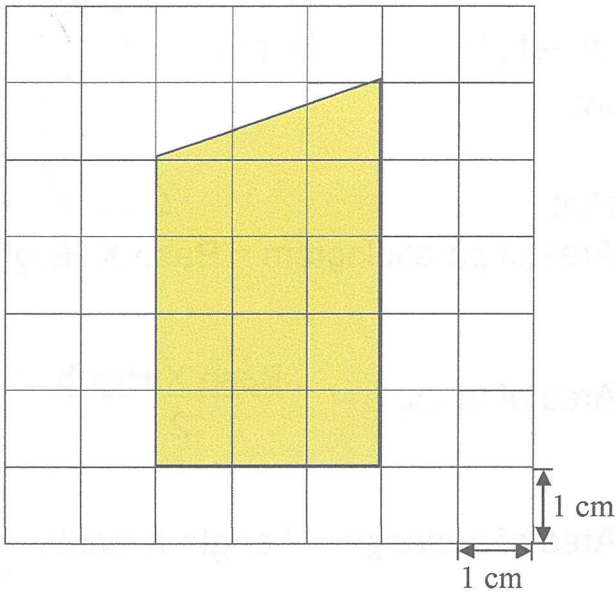
$$4 + 10 + 8 = 22 \text{ cm}^2$$

Do you know how to find the area of a trapezium?

Area of a trapezium =



2.



Upper Base = 4 cm

Lower Base = 5 cm

Height = 3 cm

3. Use a ruler to measure the upper base, lower base and the height of the following trapezium.



Upper Base = 5 cm

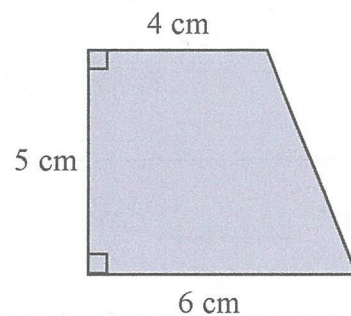
Lower Base = 5 cm

Height = 3 cm

4. Find the area of the trapezium on the right.

$$\frac{(\text{Upper Base} + \text{Lower Base}) \times \text{Height}}{2}$$

Answer : 15 cm²





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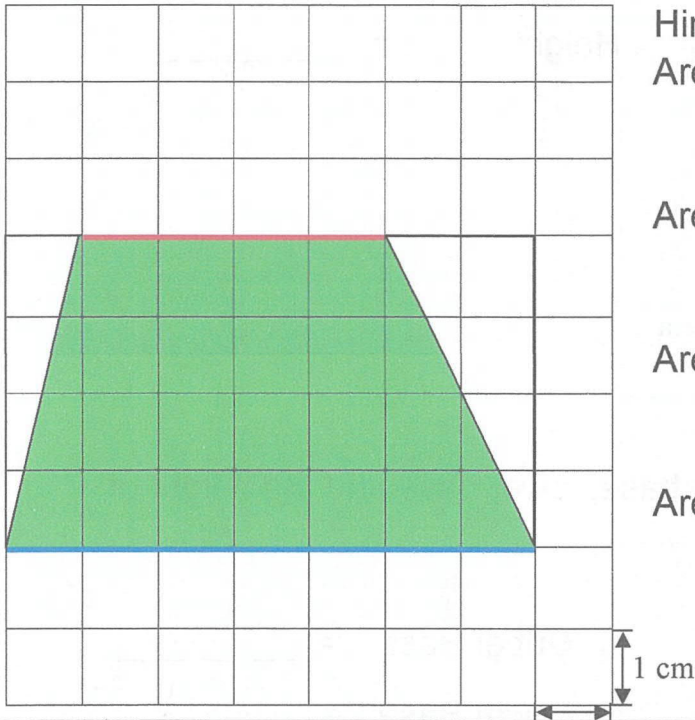
Name: _____

Class: _____

Date: 4-11-2020

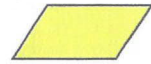
Marks: 6/9

1. Find the area of the trapezium below.



Hint:

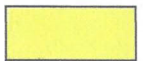
Area of parallelogram = Base X Height



Area of triangle = $\frac{\text{Base X Height}}{2}$



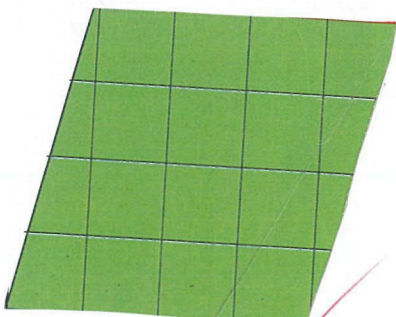
Area of rectangle = Length X Width



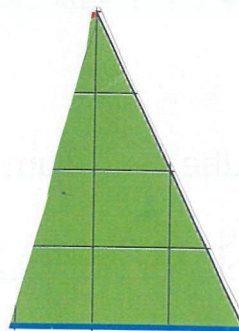
Area of square = Length of one side X
Length of one side



Show your work here.



$$4 \times 4 = 16 \text{ cm}^2$$



$$\frac{3 \times 4}{2} = \frac{12}{2} = 6$$

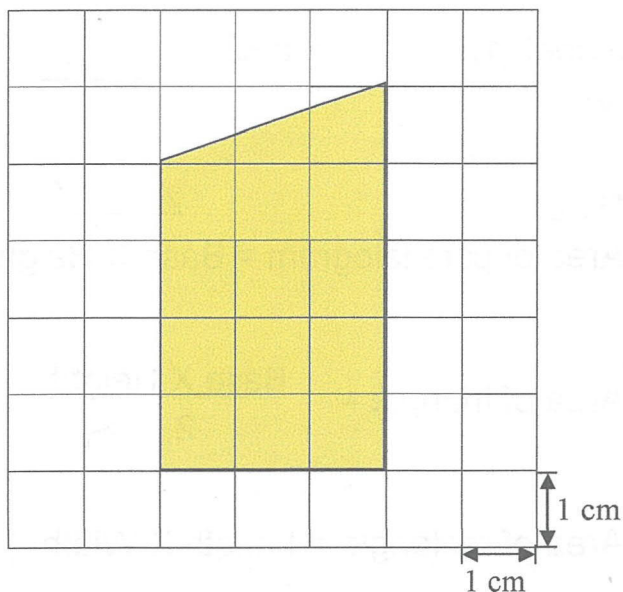
Answer : 22 cm²

Do you know how to find the area of a trapezium?

Area of a trapezium =

$$\frac{(\text{Upper Base} + \text{lower Base}) \times \text{Height}}{2}$$

2.



Upper Base = 4cm

Lower Base = 5cm

Height = 3cm

3. Use a ruler to measure the upper base, lower base and the height of the following trapezium.



Upper Base = 5cm

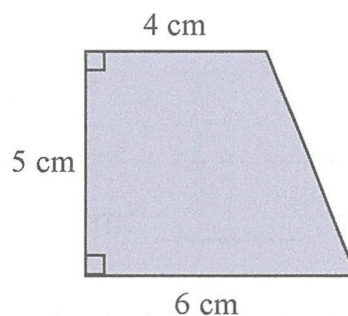
Lower Base = 5cm

Height = 3cm

4. Find the area of the trapezium on the right.

$$\frac{(\text{Upper Base} + \text{Lower Base}) \times \text{Height}}{2}$$

Answer : 15 cm²





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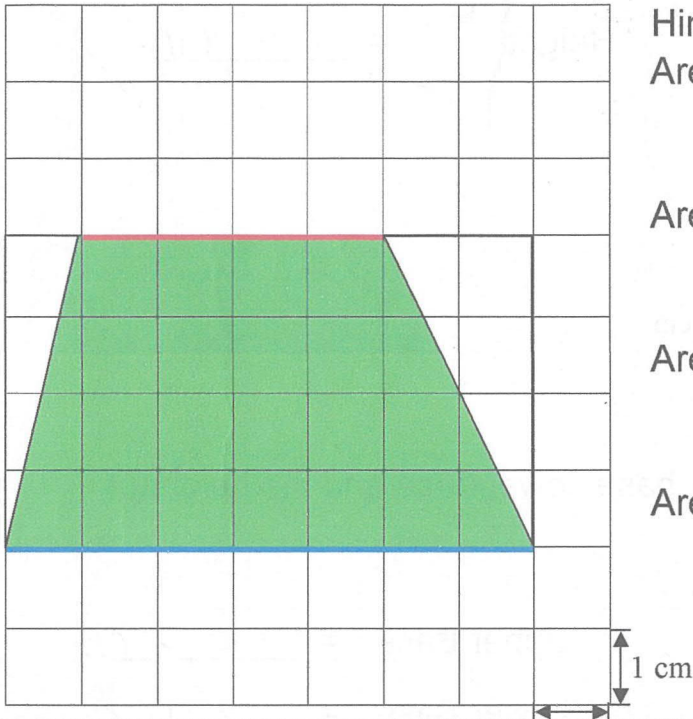
Class: _____

Date: 4-11-2020

Marks: 6/9

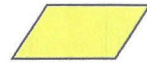
5-11

1. Find the area of the trapezium below.

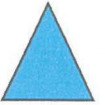


Hint:

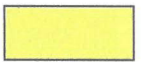
Area of parallelogram = Base X Height



Area of triangle = $\frac{\text{Base X Height}}{2}$



Area of rectangle = Length X Width



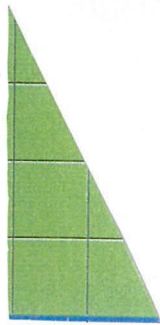
Area of square = Length of one side X
Length of one side



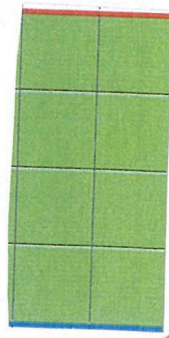
Show your work here.



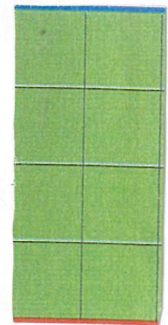
$$\frac{4 \times 1}{2} = 2 \text{ cm}^2$$



$$\frac{2 \times 4}{2} = 4 \text{ cm}^2$$



$$\frac{4 \times 4}{2} = 8 \text{ cm}^2$$



$$2 \times 4 = 8 \text{ cm}^2$$

Answer : 22 cm²

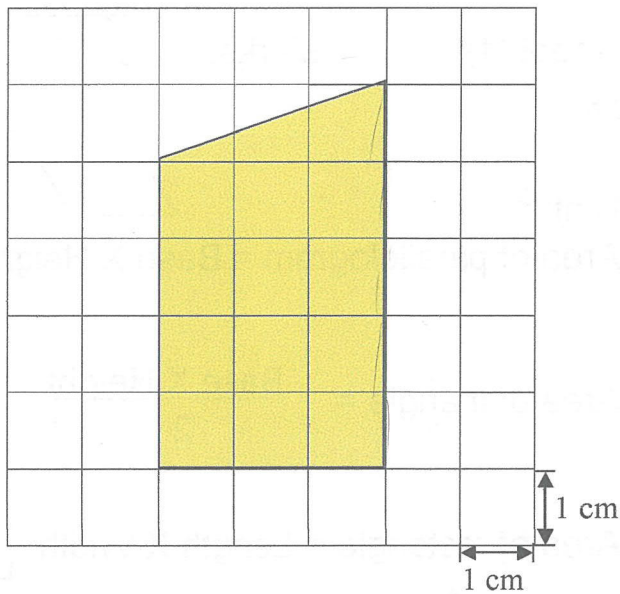
4+6
2=

Do you know how to find the area of a trapezium?

Area of a trapezium =

cut it into ~~one~~ parallelogram
and one triangle.

2.

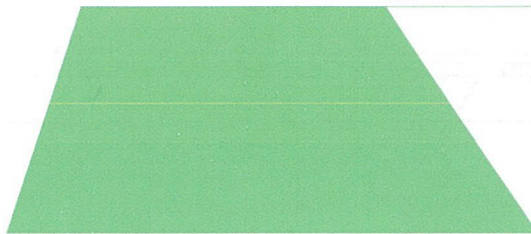


Upper Base = 4 cm

Lower Base = 5 cm

Height = 3 cm

3. Use a ruler to measure the upper base, lower base and the height of the following trapezium.



Upper Base = 4 cm

Lower Base = 7 cm

Height = 3 cm

4. Find the area of the trapezium on the right.

$$\frac{(\text{Upper Base} + \text{Lower Base}) \times \text{Height}}{2}$$

Answer : 50 cm²

