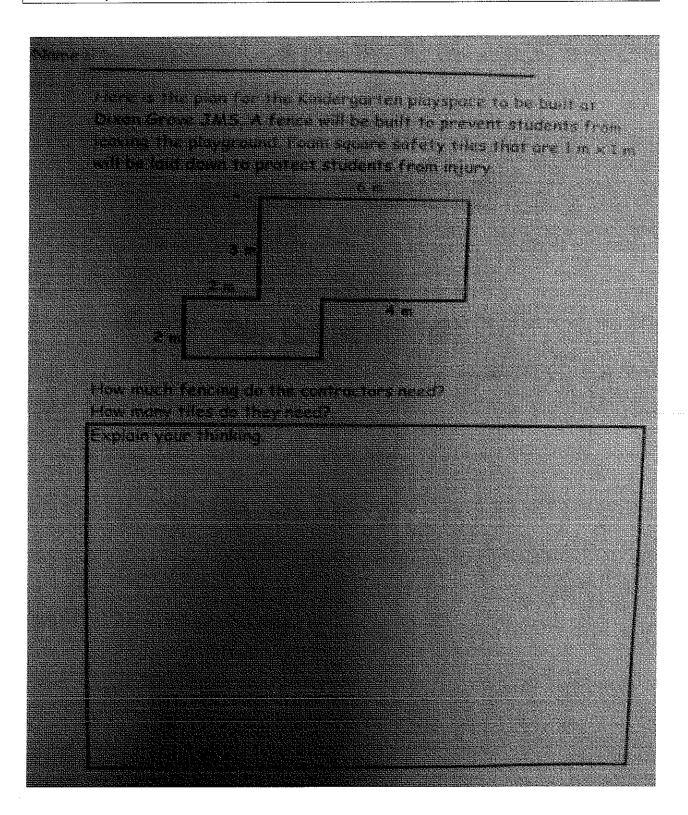
MEASUREMENT

- estimate, measure, and record quantities, using the metric measurement system
- determine the relationships among units and measurable attributes, including the area of a parallelogram, the area of a triangle, and the volume of a triangular prism

6 - MEA - PRE TEST (1 QUESTION). LEVEL:

FIRST NAME, LAST NAME:

CLASS:



FIRST NAME, LAST NAME:

CLASS:

Frank measures the width of a desk by using a metre stick. He marks a spot on the metre stick to indicate the width of the desk, as shown below.

0		

Which is closest to the width of the desk?

- F 0.70 metres
- \mathbf{G} 0.75 metres
- H 15 centimetres
- J 80 centimetres
- Sometimes measurement can be estimated, and at other times it must be very accurate. A list of locations where running times might be measured is shown below.
 - 1. Olympics
 - 2. on the playground
 - 3. school track meet

Which list shows the locations in order from the greatest to the least need for accuracy?

- F 3, 2, 1
- **G** 3, 1, 2
- H 1, 2, 3
- J 1, 3, 2

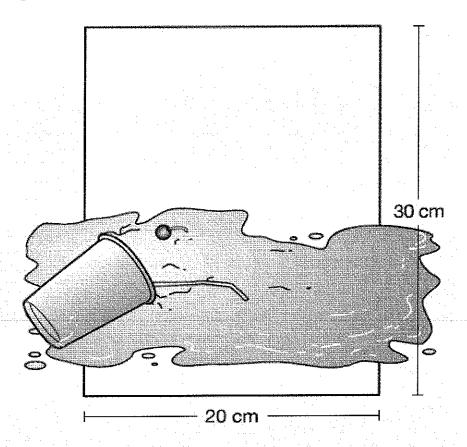
2	for ev	when has a measuring wheel that clicks once wery metre he walks. How many times will wheel click when Joseph walks 2.6 km?	
	а	2	
	b	26	
	c	260	
	d	2600	
Explai	n your th	ninking:	

- Which unit of measure is most appropriate to describe the length of a page in a textbook?
 - a centimetre
 - **b** kilometre
 - c metre
 - d millimetre
- 21 Which is equivalent to 1 m^2 ?
 - **a** 10 cm^2
 - **b** 100 cm^2
 - $c 1000 \text{ cm}^2$
 - $d = 10\ 000\ cm^2$

FIRST NAME, LAST NAME:

CLASS:

Samantha spills a milkshake on a rectangular piece of paper as shown below.



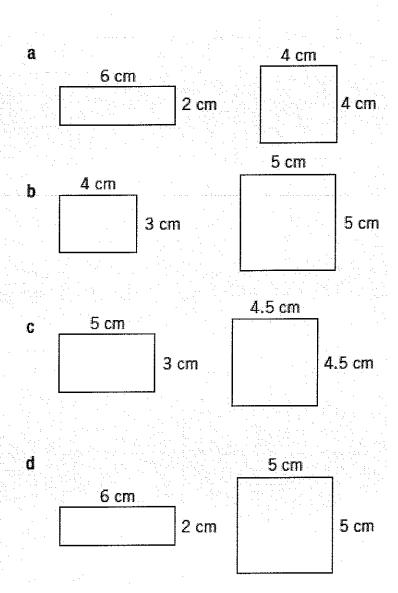
Which of the following **best** approximates the area of the entire spill?

- a 100 cm^2
- $b = 300 \text{ cm}^2$
- c 400 cm²
- $d 600 \text{ cm}^2$

32 Ms. Vanstone asks her students to draw a rectangle and a square with the areas and perimeters given below.

	Rectangle	Square
Area	12 cm ²	25 cm ²
Perimeter	16 cm	20 cm

Which shows two correct drawings?

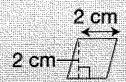


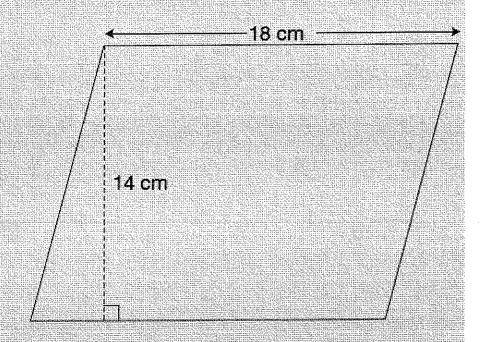
	10 m		
	n		
ow many of the square t	pes will Sisie need to	cover me moor of me	Haly at Amic
Show your work			
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FIRST NAME, LAST NAME:

CLASS:

22 Look at the two parallelograms below.

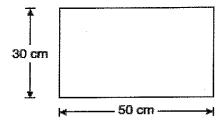




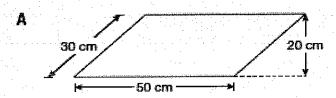
What is the minimum number of small parallelograms needed to cover the larger parallelogram completely?

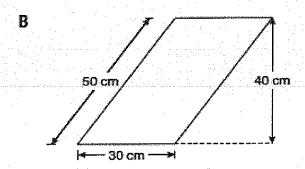
- a 16
- **b** 63
- c 126
- d 252

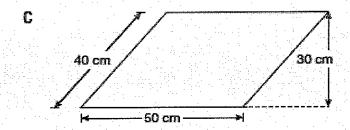
An artist has some paintings that are rectangular and some that are parallelograms. One of her paintings is shaped like the rectangle shown below.

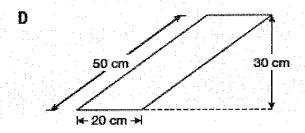


Which of the following parallelograms has the same area as the rectangle?

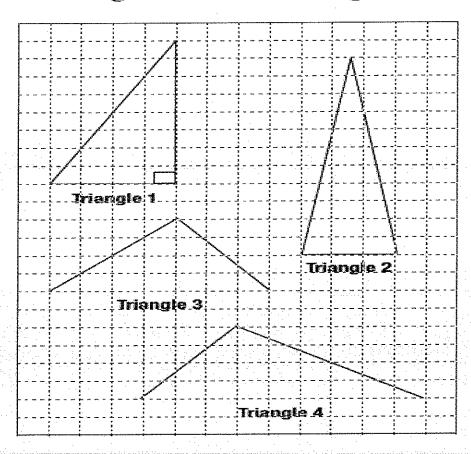








36 Four triangles are shown on the grid below.



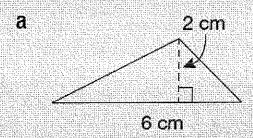
Which triangle has an area of 18 square units?

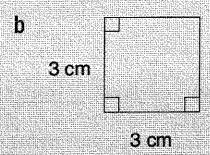
- F Triangle 1
- G Triangle 2
- H Triangle 3
- J Triangle 4

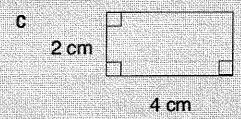
Explain your thinking:

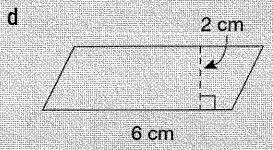
		eroskija staraja de Sestali Britanija star	
Justify your answer.			
	tering de et algebraie hij en sein. Employers Hijdelen alle de lege		The second secon
			VATION 4" 4" EE 44 149 34WAY 6 TH MY 6 4 60 61

19 Which shape below has an area of 12 cm²?





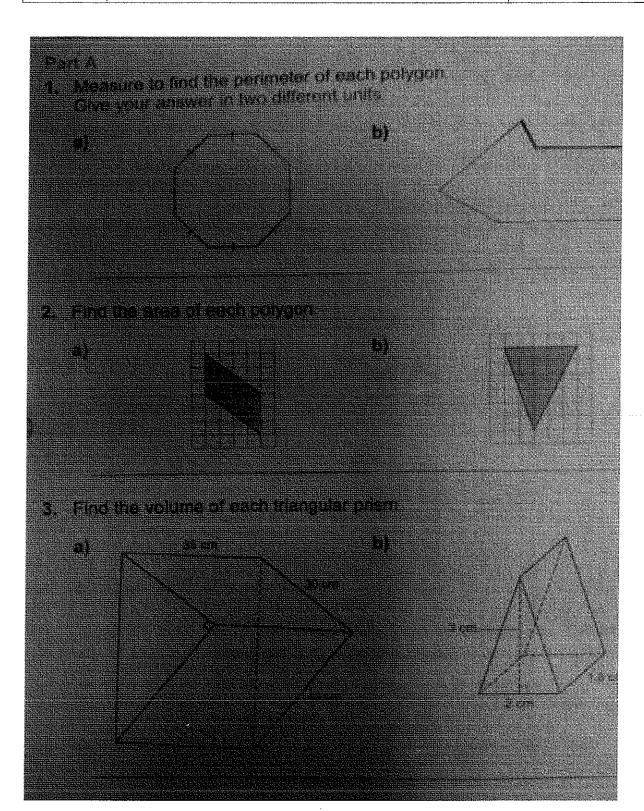




6 – MEA – POST TEST (9 QUESTIONS). LEVEL:

FIRST NAME, LAST NAME:

CLASS:



Makier & co-

Unit Tost commune

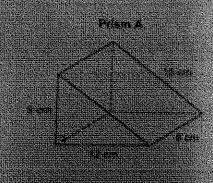
A thangle has the same height
and area as this parallelogram
What is the length of the base of the transit.
Flow do you know?



- Use a relevand a compass. Oraw each figure
 Ali a triangle with parameter 7 cm.
 - b) a rectarigio with permeter 16 cm and area 7 cm

Part C

9. a) Find the surface area and the volume of each prism





b) How many of Fram 2 will find the Prism A?
How the year know?