Latticework "Evaluation Sheet"

No.	Indicators	Question Number	Score
1	Solve problem related to calculating the area of trapezoid	1	30
2	Understanding the differences types of trapezoid and knowing the properties of trapezoid	2	30
3	Solve problems associated with trapezoid using algebra	3	40

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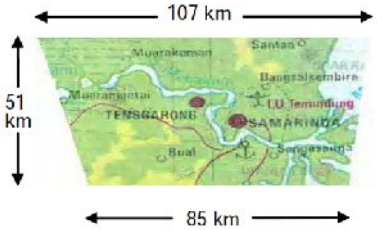
EVALUATION SHEET

Name :
Class :

1. Estimate the area of the trapezoid in the figure on the right !



2. If possible, draw a trapezoid with the following properties. If it cannot be drawn, state your reasons.
   a. It has three equal sides.
   b. It has equal parallel sides.
   c. The legs are longer than the parallel sides.
   d. It has two right angles.
   e. It has a pair of equal opposite angles.

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3. One of the parallel sides of a trapezoid is twice the other. The height of the trapezoid is the average of the parallel sides. If the are of the trapezoid is 324 cm^2, find the lengths of the height and parallel sides of the trapezoid.

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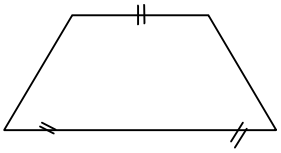
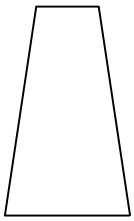
ANSWER SHEET

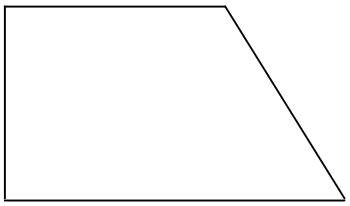
The answer sheet and rubric assessment

1. $- \quad (\quad +) = - \quad (\quad +) = -.$
   $=$
   $=$

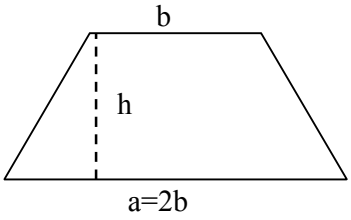
2. a. 

   b. Can not, because the wake is formed does not meet the characteristic of the trapezoid in which only a pair of parallel sides

   c. 

   d. 

   e. Can not, because trapezoid always have different opposite angles

3. 

   h = average from *a* and *b*, so

   $h = \frac{+}{2}$

   $h = — = — = —$

   A= $-h(\quad +) = 324$

   $-.-b\,(2b+b) = 324$

   $- \quad (3b) = 324$

   $9 \quad = 1296$

   $= 144$

   $= 12$

   So,

   $= — = \frac{(\quad)}{—} =$

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