

Worksheet

On a squared paper, draw five squares of different sides. Write the following information in a tabular form.

	Square 1 with side= 2cm	Square 2 with side= 5cm	Square 3 with side= 7cm
Length	2cm	5cm	7cm
Perimeter	8cm	20cm	28cm ✓ ①
L/P	$2/8 = 1/4$ cm	$5/20 = 1/4$ cm	$7/28 = 1/4$ cm ✓ ①
Area	4cm	25cm	49cm ✓ ①
L/A	$2/4 = 1/2$	$5/25 = 1/5$	$7/49 = 1/7$ ✗

Space for rough work:

Task	Feedback
<ul style="list-style-type: none"> How does the perimeter vary increase in side? ② when the side increase the perimeter also increases perimeter increase depending on side increase ✓ How does the area vary with decrease in side? ② when the Area decreases side length of side is also decreases. length of side decrease Area also decreases ✓ Is L/P and L/A are in direct proportion? Solve with an example from above table In L/A the length of side decreases from 4/2 eg $2/8 - 2/4 = 4$ first Area, $5/25 - 5/20 = 5$ first Area, ✓ ② 	<p>Good ni Keltis.</p> <p>Give extra worksheets to improve his mathematical skills.</p>
<p>Suggested activity/example for improvement</p> <p>The cost of 5 metres of a particular quality of cloth is ' 210. Tabulate the cost of 2, 4, 10 and 13 metres of cloth of the same type.</p>	<p>Signature</p> <p><i>Kuttia</i></p>

Assessment rubrics for learner

Teacher I expected to form the rubrics for self-assessment through interaction with learner. S/he is expected to prompt learners to think over their goals they had planned to achieve in the beginning of the plan.

A self-assessment rubric for learner may appear as following

Give 1 point for each 'yes' and 0 for each 'no'

Things I have learned	Yes	No	Points given	What is my plan to do next?/ Correction work
Did I observe the trends in the situations above?	✓			
Did I analyze the trends in the situations given?	✓			I learn different types of ways to solve the problem in chapter ratio
Did I apply the logic and solve the problem?	✓			
Did I do the correct calculations?	✓			

How much do I understand about ratio and proportion after this worksheet?

I learn to solve different problems in different types of way in ratio. Ratio in cooking, ratio in cloth making, ratio in business etc. I ~~learned~~ learned good about ratio today. The ratio is easy to do many types of problem.

✓ (2)