

Camtree Digital Library



Integrating Differentiated Instruction with Multiple Intelligences

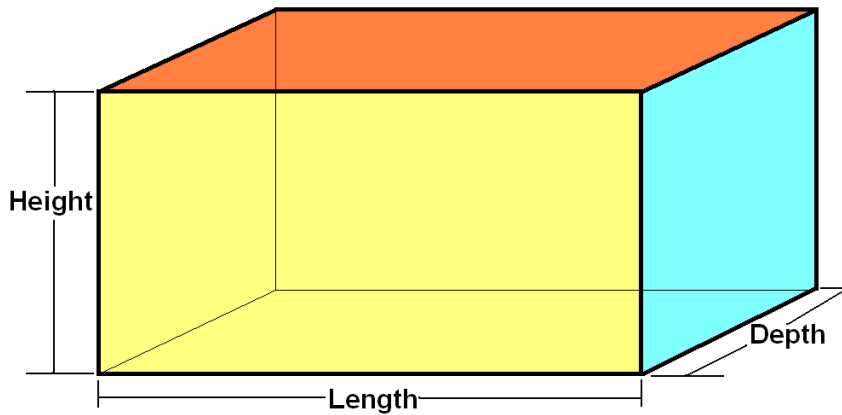
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Topic: Surface area

Q . Find the Surface area of the rectangular prism whose length, breadth and height are 20cm, 7cm and 10cm respectively.

(Take the support of one of the following options for better understanding of the given question)

- **Drawing**



- **Take the model from the table and observe.**
- **Click the below link to understand the net of a rectangular prism.**

<https://www.geogebra.org/m/vrx7jzuu>

There will be three stages. At each stage you will gain some amount.

i) Induction Stage (\$25): Select any one option from the below and represent it on the space provided below as per your requirement –

- Draw and label
- Make a model and label.
- Animate and label
- Label on the readymade model.

Note the given information step-wise in the space provided below –

The length of the rectangular prism l =

Rubric:

	\$10	\$5	\$2
Draw/Model/Animate/ and Label	Neat work and proper labeling	Proper labeling done, but work is a little bit neat	Not done properly and proper labeling

ii) **Process – Product:** Solve the sum with proper steps.

Rubric:

	\$50	\$30	\$15	\$0
Surface Area	Used the correct process to get the right answer	Used correct process, but found an incorrect answer	A few steps were correct though the answer is incorrect.	Did not calculate or used the wrong process

Marketing Stage:

Rubric:

Explanation	\$50	\$30	\$15
	Exhibits a very good understanding of the concept.	Exhibits understanding but explain with difficulty.	Exhibits a little bit of understanding of the concept and explains with difficulty.