

Focus Standards and Claim

Claim 2
6.G.A
5.MD.C.5

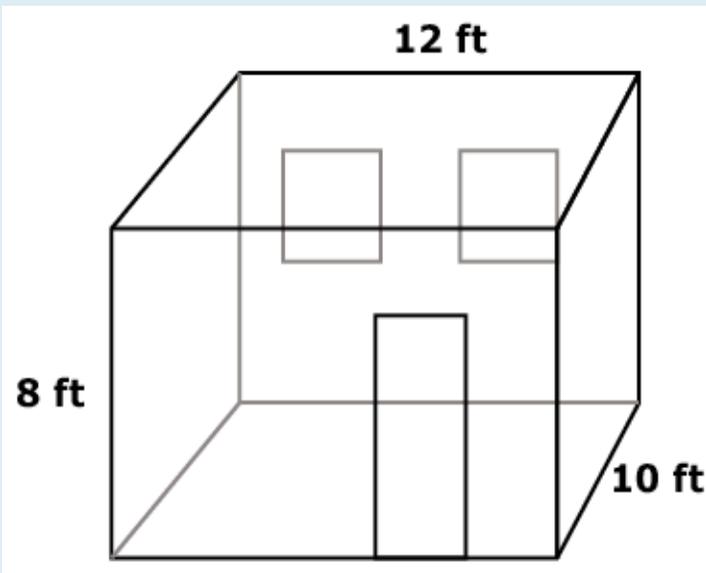
Stimulus

Let's Paint a Room

Your friend Sam wants to paint her room. She wants to paint the ceiling white and the four walls purple.

You are helping Sam determine the cost and the amount of time needed to paint her room.

The room is shaped like a rectangular prism with a height of 8 feet, length of 12 feet, and width of 10 feet as shown.



Additional information about Sam's room:

- The door has an area of 22 square feet.
- The room has 2 square windows.
- Each window opening is 2 feet by 2 feet.

Item Prompt	<p>Sam needs to figure out how much purple paint to buy. Calculate for her the total area, in square feet, of the four walls. She will not paint the door or windows.</p> <div data-bbox="771 415 1154 516" style="border: 1px solid green; width: 236px; height: 48px; margin: 0 auto;"></div>
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Sample Responses

Sample Response A	322
Sample Response B	70
Sample Response C	80
Sample Response D	1060
Sample Response E	50
Sample Response F	352