Mathematics Grade 10
Classroom Assessment Based on Standards
Tommy’s Deck

MPS Learning Targets

18.0 Use perimeter, area, volume, and surface area to solve real-world problems.

Tommy wants to paint his deck and needs to know how many gallons of paint to buy. One gallon of paint covers 150ft². Shown below is a scale drawing of his deck. Explain your answer with pictures, words or diagrams. (One square = 1 sq. ft.)

How many gallons of paint are needed? ______________

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