

NAME _____

DATE _____



A New Room for Nick

Nick is moving to a new house. His new room is smaller than his room where he used to live. Nick is using a meter stick to measure several items to see if they will fit in his new room.

- 1 Nick is measuring the length of his bed. What unit should Nick use? _____
- 2 Nick is measuring the width of his mp3 player. What unit should Nick use? _____
- 3 Nick is measuring the height of his chair. What unit should Nick use? _____
- 4 Nick has a rug that is 12 decimeters by 18 decimeters. Draw a small, labeled sketch of Nick's rug. Then, find the area of his rug in square decimeters.

Write an equation that shows the area of the rug: _____

- 5 There is a window in Nick's new room that is 11 decimeters by 15 decimeters. Draw a small, labeled sketch of the window. Then, find the area of the window in square decimeters.

Write an equation that shows the area of the window: _____

- 6 The back of Nick's bookcase measures 10 decimeters by 18 decimeters. Nick thinks its area is 108 square decimeters. Do you agree? Use numbers, labeled sketches, or words to explain your answer.