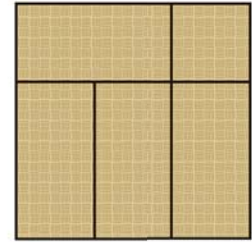60. **MULTI-STEP PROBLEM** Tatami mats are a floor covering used in Japan. Tatami mats are equal in size, unless they are cut in half. The floor shown has an area of 81 square feet and is covered with 4.5 tatami mats.

   a. What is the area of one tatami mat?

   b. What is the length of one tatami mat if it has a width of 3 feet?

61. **TAKS REASONING** In baseball, a player's batting average is calculated by dividing the number of hits by the number of at bats.

   a. **Calculate** Use the information in the table to find the number of hits Bill Mueller had in the 2003 Major League Baseball regular season. Round your answer to the nearest whole number.

Player	Team	Batting average	At bats
Bill Mueller	Boston Red Sox	0.326	524

   b. **Calculate** The number of hits Bill Mueller had was 44 less than the number of hits Vernon Wells of the Toronto Blue Jays had in the 2003 regular season. How many hits did Vernon Wells have?

   c. **Compare** In the 2003 regular season, Mueller had a higher batting average than Wells. Did Wells have fewer at bats than Mueller? *Explain* your reasoning.

62. **AMERICAN FLAGS** An American flag has a length that is 1.9 times its width. What is the area of a flag that has a length of 9.5 feet?

63. **CHALLENGE** At a farm where you can pick your own strawberries, the cost of picked strawberries is calculated using only the weight of the strawberries. The total weight of a container full of strawberries is 2.1 pounds. The cost of the strawberries is $4.68. The weight of the container is 0.3 pound. What is the cost per pound for strawberries?

MIXED REVIEW for TAKS

64. **TAKS PRACTICE** Which function includes the data set $\{(2, -1), (4, 5), (8, 17)\}$? *TAKS Obj. 3*

   A $y = x - 3$ **B** $y = 2x - 3$ **C** $y = 3x - 7$ **D** $y = 5x - 15$

65. **TAKS PRACTICE** Simplify the expression $4(2x + 4) - 6(x + 1)$. *TAKS Obj. 2*

   F $2x + 10$ **G** $2x + 15$ **H** $2x + 17$ **J** $2x + 22$

66. **TAKS PRACTICE** The drawing shows a 3-dimensional solid. Which best represents the shape of the solid when viewed from the top? *TAKS Obj. 7*

   A Square   **B** Heptagon

   C Octagon   **D** Pentagon