Area and Perimeter Word Problems - Matching Worksheet

Write the letter of the answer that matches the problem. The units are removed to make it just a bit more difficult.

1. Hudson wants to write a letter to his friend. He took out square paper which covers the total area of 225 feet$^2$. What is the length of any side of the paper?
   - a. 550

2. William buys a new desk for his office which measures 11 feet by 14 feet. He wants to put a cover on the desk that costs $18 per square foot. How much will it cost William to buy a desk cover?
   - b. 1,008

3. Daniel has a wood piece. The wood piece’s length is 22 inches and its width is 25 inches. Find the area of the wood piece.
   - c. 15

4. Alexander has a square-shaped basket of apples. The basket covers the area of 36 feet$^2$. Find the length of any side of the basket?
   - d. 224

5. Ronald wants to paint his drawing room wall which measures 8 feet by 9 feet. The cost of the paint is $14 per square foot. How much will it cost Ronald to paint the wall?
   - e. 11,970

6. Danielle has a rectangular pen stand whose length is 13 inches and the width is 16 inches. Find the area of a rectangular pen stand.
   - f. 6

7. Maria wants to cover a rectangular wooden box that measures 19 feet by 21 feet. She needs a piece of cloth to cover the box. The cost of the cloth is $30 per square foot. How much will it cost Maria to cover the wooden box?
   - g. 2,772

8. The length and width of Nicole’s laptop are 14 inches and 16 inches, respectively. Find the area covered by the laptop.
   - h. 208