Area and Circumference of a Circle - Matching Worksheet

Match the word problems to their answers. Write the letter of the answer that matches the problem. Use 3.14 for pi. Units of measurements are removed.

1. Patricia buys a round dinner table. The radius of dinner table is 6 meters. What is the area of table?  
   _____  a. 56.52

2. Charles has a circular carpet in his drawing room. He wants to put a circular table in middle of the carpet. The diameter of the carpet is 12 meters and the diameter of the table is 4 meters. Calculate how much area of carpet is left after putting the table in place?  
   _____  b. 113.04

3. Steven purchases a bowl. The diameter of the bowl is 14 cm. What is the circumference of the bowl?  
   _____  c. 43.96

4. Daniel wants to buy cookies for her friend. The radius of a cookie is 5 inches. What is the cookie’s circumference?  
   _____  d. 50.24

5. Donna makes a round pizza. She wants to put a cheese layer on the pizza. If the cake is 8 cm in diameter, how many square cm of cheese layer does she need to put on the pizza?  
   _____  e. 19.625

6. Cynthia wants to buy a round photo frame for her brother. The radius of the photo frame is 9 cm. What is the photo frame’s circumference?  
   _____  f. 100.48

7. Brian made a tasty burger. The diameter of the burger was 5 cm. What was the area of burger?  
   _____  g. 31.4

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