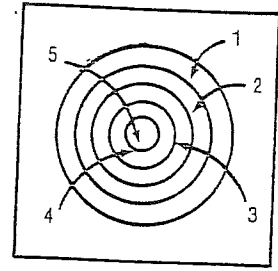


The dart board shown at the right has 5 concentric circles whose centers are also the center of the square board. Each side of the board is 38 cm, and the radii of the circles are 2 cm, 5 cm, 8 cm, 11 cm, and 14 cm. A dart hitting within one of the circular regions scores the number of points indicated on the board, while a hit anywhere else scores 0 points.



If a dart, thrown at random, hits the board, find the probability of scoring the indicated number of points.

- | | | |
|--------------|--------------|--------------|
| 7. 0 points | 8. 1 point | 9. 2 points |
| 10. 3 points | 11. 4 points | 12. 5 points |