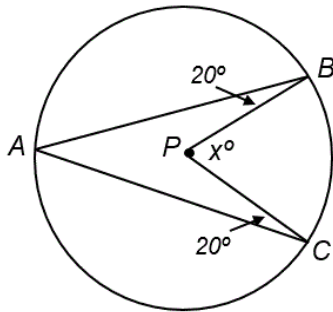




Gordon Burgin's Puzzles

June 2021 challenge

1. Point P is the center of the circle in the figure below. What is the value of angle BPC or x° ?



2. An online bookstore sells novels and magazines. Each novel sells for \$4, and each magazine sells for \$1. If Fiona purchased a total of 11 novels and magazines that have a combined selling price of \$20, how many novels did she purchase?
3. The mean score of 8 players in a basketball game was 14.5 points. If the highest individual score is removed, the mean score of the remaining 7 players becomes 12 points. What was the highest score?