UNIT 9 EXERCISES 1-5

FOOTBALL

2008B

1. **Answer (E):** The number of points could be any integer between $5 \cdot 2 = 10$ and $5 \cdot 3 = 15$, inclusive. The number of possibilities is $15 - 10 + 1 = 6$.

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3. **(A)** Let c and p represent the number of points scored by the Cougars and the Panthers, respectively. The two teams scored a total of 34 points, so $c + p = 34$. The Cougars won by 14 points, so $c - p = 14$. The solution is $c = 24$ and $p = 10$, so the Panthers scored 10 points.