
PART B: Circle the correct answer. Each correct answer is worth **6 points**.

11. In what month does the 200th day of the year occur?

- (a) May (b) June (c) July (d) August

12. Note that $2 \times 3 \times 4 \times 5 \times 10 = 1200$. This has two zero-digits. How many zero-digits are there in the product $20 \times 30 \times 40 \times 50 \times 100$?

- (a) 2 (b) 5 (c) 6 (d) 7

13. A triangle can intersect a circle in at most

- (a) 2 points (b) 4 points (c) 6 points (d) 8 points

14. Which of the following is not a prime number?

- (a) 41 (b) 51 (c) 61 (d) 71

15. Bob is 14 years old, and his sister Mary is half of that, i.e. 7 years old. How old will Bob be when Mary is 14 years old?

- (a) 14 (b) 21 (c) 28 (d) 35

PART C: Circle the correct answer. Each correct answer is worth **8 points**.

16. How many triangles are in the figure?

- (a) 13
(b) 12
(c) 10
(d) 9



