

數學科參考答案

一、填充題

1. 4093

2. 20

3. $\frac{1}{5}$

4. $\frac{ab+bc+ac}{(abc)^2}$

5. $2^{102} \begin{bmatrix} -101 & -103 \\ 103 & 105 \end{bmatrix}$

6. $\frac{1}{4}$

7. $2\sqrt{2}$

8. 6653

9. $1, -\frac{5}{3}$

10. $\frac{633}{17}, P\left(\frac{75}{34}, \frac{45}{34}\right)$

11. 230, $52\sqrt{2}$

12. $2^{18} \cdot 3^8 \cdot 5^4 \cdot 7^2 \cdot 11 \cdot 13 \cdot 17 \cdot 19$

13. $\frac{16}{3}$

14. $p\left(\frac{5}{11}, \frac{30}{11}, \frac{8}{11}\right), \frac{120}{11}$

15. $\frac{1}{2} + \frac{1}{\pi}$