

第10-13章 计算10题 答案

1. $9 - 6 + (-3) = 0$

2. $6\sqrt{2} - 3\sqrt{2} + 5\sqrt{2} = 8\sqrt{2}$

3. $x=2, y=-3, x^y = 2^{-3} = \frac{1}{8}$

4. $27a^6 \cdot 4a^2b^2 \div 6a^7b^4 = 108a^8b^2 \div 6a^7b^4 = 18a$

5. $(x^2-x-2) - (x^2-6x+9) = 5x-11, x=-1 \rightarrow -16$

6. $2x^2 - 3xy + 1$

7. $3xy(2x - 3y)$

8. $(x + 2y)^2$

9. $3a(a^2-4) = 3a(a+2)(a-2)$

10. $AB = \sqrt{6^2+8^2} = 10, CD = AB/2 = 5$