

8/16 (11) 五晚 HW

1.~5. DCABA 6.~10. BCDCD 11.~15. ADBBC 16.~20. DADDC 21. B

填充

1. (1) $6\sqrt{5}$ (2) $360\sqrt{3}$ (3) $24\sqrt{3}$ (4) $5\sqrt{2}$ (5) $\frac{\sqrt{5}}{25}$ (6) $2\sqrt{10}$ (7) $\sqrt{5}+2$

(8) $\sqrt{2}-1$ (9) $\frac{2\sqrt{2}+1}{7}$ (10) $\frac{2\sqrt{3}-1}{11}$ (11) $\sqrt{3}-1$ (12) $3\sqrt{2}+1$

2. (1) $2\sqrt{3}+2\sqrt{2}$ (2) $8\sqrt{6}-2\sqrt{2}$ (3) $\frac{2\sqrt{6}}{7}$ (4) $3\sqrt{5}-2\sqrt{15}$ (5) $3\sqrt{3}$

(6) $-10\sqrt{2}$ (7) $8-5\sqrt{2}$ (8) $2\sqrt{3}-4$ 3. (7, 5) 4. $\frac{27}{64}$

5. $2\sqrt{6}+6\sqrt{2}$ 6. $c > a > b$ 7. (1) 14 (2) $-4\sqrt{6}$ 8. $8\sqrt{3}-18$

9. $-\frac{1}{2}$ 10. 23 11. $\frac{5}{6}\sqrt{6}$ 12. (1) 42.42 (2) 1.3416 (3) 0.04242

(4) 720 (5) 0.72 13. (1) $\frac{3\sqrt{2}}{2}$ (2) $2\sqrt{3}$ (3) -1 14. (1) $-4+2\sqrt{6}$

(2) $\sqrt{21}$ 15. (1) $\sqrt{5}$ (2) $\frac{1}{2}$ (3) 4 16. (1) $c > a > b$ (2) $f > e > d$

17. $-2-2\sqrt{3}$ 18. 3 19. $4\sqrt{2}$ 20. (1) $\sqrt{n}-1$ (2) 122 21. (1) $\sqrt{5}$

(2) $\frac{3}{4}$ (3) $\frac{7}{2}$ 22. (1) 6 (2) $y^2 = 81 - 36\sqrt{5}$, $\frac{1}{y} = \frac{\sqrt{5}+2}{3}$

23. $a=7$, $b=3$ 24. 5