

HÀNG ĐẲNG THỨC SỐ 8 VÀ VẬN DỤNG.

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|---------------------------|----------------------------|---------------------------|----------------------------|
| 1) $\sqrt{11-2\sqrt{10}}$ | 2) $\sqrt{9-2\sqrt{14}}$ | 3) $\sqrt{4-2\sqrt{3}}$ | 4) $\sqrt{11+6\sqrt{2}}$ |
| 5) $\sqrt{27-10\sqrt{2}}$ | 6) $\sqrt{7-2\sqrt{10}}$ | 7) $\sqrt{15-2\sqrt{14}}$ | 8) $\sqrt{3-2\sqrt{2}}$ |
| 9) $\sqrt{4+2\sqrt{3}}$ | 10) $\sqrt{5+2\sqrt{6}}$ | 11) $\sqrt{7-2\sqrt{6}}$ | 12) $\sqrt{14-2\sqrt{13}}$ |
| 13) $\sqrt{9+4\sqrt{5}}$ | 14) $\sqrt{12+6\sqrt{3}}$ | 15) $\sqrt{18-6\sqrt{5}}$ | 16) $\sqrt{21+4\sqrt{5}}$ |
| 17) $\sqrt{28-6\sqrt{3}}$ | 18) $\sqrt{15-10\sqrt{2}}$ | 19) $\sqrt{46-6\sqrt{5}}$ | 20) $\sqrt{6-\sqrt{20}}$ |
| 21) $\sqrt{8+\sqrt{28}}$ | 22) $\sqrt{12-\sqrt{44}}$ | 23) $\sqrt{5-\sqrt{24}}$ | 24) $\sqrt{8-\sqrt{60}}$ |
| 25) $\sqrt{7+\sqrt{48}}$ | 26) $\sqrt{9+\sqrt{56}}$ | 27) $\sqrt{7+\sqrt{24}}$ | 28) $\sqrt{3-\sqrt{5}}$ |
| 29) $\sqrt{4+\sqrt{7}}$ | 30) $\sqrt{5+\sqrt{21}}$ | 31) $\sqrt{6-\sqrt{35}}$ | 32) $\sqrt{7+\sqrt{40}}$ |
| 33) $\sqrt{8+\sqrt{15}}$ | 34) $\sqrt{9-\sqrt{77}}$ | 35) $\sqrt{10+\sqrt{99}}$ | |

Dạng chứa chữ (với điều kiện tất cả các căn đều có nghĩa).

- 1) $\sqrt{x-1-2\sqrt{x-2}}$
- 2) $\sqrt{x+1+2\sqrt{x}}$
- 3) $\sqrt{x-2+2\sqrt{x-3}}$
- 4) $\sqrt{x+2-2\sqrt{x+1}}$
- 5) $\sqrt{2x-1-2\sqrt{2(x-1)}}$
- 6) $\sqrt{2x+1+2\sqrt{2x}}$
- 7) $\sqrt{2x-5-2\sqrt{(x-2)(x-3)}}$
- 8) $\sqrt{2x-1+2\sqrt{(x+2)(x-3)}}$
- 9) $\sqrt{2x+1-2\sqrt{(x-1)(x+2)}}$
- 10) $\sqrt{2x-1-2\sqrt{x^2-x-2}}$
- 11) $\sqrt{2x+3+2\sqrt{x^2+3x+2}}$
- 12) $\sqrt{2x+2-2\sqrt{x^2+2x-3}}$