

Answers to Expanding Polynomials (ID: 1)

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|---|---------------------------------------|------------------------------|
| 1) $25 - 10v + v^2$ | 2) $y^2 - 6y + 9$ | 3) $64x^3 - 48x^2 + 12x - 1$ |
| 4) $64b^3 + 48b^2 + 12b + 1$ | 5) $x^4 - 16x^3 + 96x^2 - 256x + 256$ | |
| 6) $u^5 - 10u^4 + 40u^3 - 80u^2 + 80u - 32$ | | |
| 7) $64y^6 - 192y^5 + 240y^4 - 160y^3 + 60y^2 - 12y + 1$ | | |
| 8) $1 + 14u + 84u^2 + 280u^3 + 560u^4 + 672u^5 + 448u^6 + 128u^7$ | | |