

Answers to U1L3 - Factoring Quiz - More Factoring Practice - 2

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|------------------------|-------------------------|-------------------------|-------------------------|
| 1) $(3p^2 + 4)(p + 4)$ | 2) $(3k^2 + 2)(k - 2)$ | 3) $(3n^2 + 4)(5n + 1)$ | 4) $(5a^2 + 4)(3a - 5)$ |
| 5) $4(4x + 5)(4x - 5)$ | 6) $(3k + 1)(3k - 1)$ | 7) $(n + 1)(n - 1)$ | 8) $5(5r + 2)(5r - 2)$ |
| 9) $2(r + 1)(r - 1)$ | 10) $(5n + 1)(5n - 1)$ | 11) $(5n - 4)^2$ | 12) $4(3p + 1)^2$ |
| 13) $k(k + 9)(k - 5)$ | 14) $m^2(m + 2)(m + 6)$ | 15) $(x - 8)(x + 7)$ | 16) $3(n - 7)(n - 8)$ |
| 17) $(2m + 9)(m + 6)$ | 18) $(5x + 1)(x + 3)$ | 19) $(7b + 8)(b - 9)$ | 20) $(3x - 2)(x + 8)$ |
| 21) $(7x + 9)(x - 2)$ | 22) $(5n - 2)(n - 9)$ | 23) $(v - 10)(8v - 7)$ | 24) $(p - 10)(9p + 4)$ |
| 25) $(x - 6)(10x - 1)$ | 26) $(x + 3)(10x + 7)$ | | |