

Extension 1 Algebra Worksheet – Answers

- | | | | | | |
|----|-----------------------------|---|---------------------|---|----------------------|
| 1 | $a = 2, b = 3$ | 2 | $(2x+3)(4x^2-6x+9)$ | 3 | $0 < x < 3$ |
| 4 | $[(1+x)^{n-1} - (1+x)^r]/x$ | 5 | -27 | 6 | $495 \times 2^8 3^4$ |
| 7 | 20 | 8 | $(p+q)!/p!q!$ | 9 | $p = 2, q = 3$ |
| 10 | $r = -1, s+t = 0$ | | | | |