

Multiplying Polynomials

Multiply the following.

1) $8a^3bc(3bc - 5a^2b + 7c^4)$

2) $-5m^2n^3(-2mn^4 + 15)$

3) $p^6(9pqr - 4 - pq^4 - r^6)$

4) $-4stu(-7t^2 - 10s^3u + 4)$

5) $-3(2xy^5 + 4)$

6) $9v^5(v^3 + u^7v - 1 + 4u)$

7) $-6c^4(b - 2 - bcd)$

8) $mn(8m + n)$