

17. $n^4 + 6n^2 + 5$

Sum 6	prod. 5
$1+5$	$1 \cdot 5$

$$\frac{1}{1} \quad \frac{5}{1}$$

$(n^2 + 1)(n^2 + 5)$

18. $x^4 - 6x^2 - 27$

Sum -6	prod. -27
$-9+3$	$-9 \cdot 3$

$$\frac{-9}{1} \quad \frac{3}{1}$$

$$(\underbrace{1x^2 - 9}) (1x^2 + 3)$$

$(x-3)(x+3)(x^2+3)$

B. Binomials (Difference of Squares)

19. $16j^4 - 25$

20. $2z^5 - 32z$

$$21. \quad 64x^6 - 1 \quad (a-b)(a^2+ab+b^2)$$

$$(\underbrace{4x^2})^3 \quad (1)^3$$

$$(\underbrace{4x^2 - 1}) (16x^4 + 4x^2 + 1)$$

$(2x-1)(2x+1)(16x^4+4x^2+1)$