

ALGEBRAIC EXPRESSION DIVISION

Questions on Division of Polynomials

1. Divide x^2+5x+6 by $x+2$
2. Divide x^3-8 by $x-2$
3. Divide x^3+2x^2-x-2 by $x+1$
4. Divide x^4-1 by x^2+1
5. Divide $2x^2+3x^2-2x-3$ by $x+1$
6. Divide $6x^4-13x^3+9x^2-2$ by $2x^2-x+1$
7. Divide x^3+27 by $x+3$
8. Divide $2x^4-3x^2+5x-6$ by x^2-2
9. Divide $x^4+4x^3+6x^2+4x+1$ by $x+1$
10. Divide $x^3-6x^2+11x-6$ by $x-1$
11. Divide $3x^4+2x^3-x^2+4x-8$ by x^2+2
12. Divide $x^5-x^4+x^3-x^2+x-1$ by $x-1$
13. Divide $2x^3-5x^2+4x-3$ by x^2-2
14. Divide $4x^4+8x^3+4x^2$ by $2x^2+2x$
15. Divide x^4-16 by x^2-4
16. Divide $3x^5+2x^3-x+4$ by x^2+1
17. Divide x^6-1 by x^2-1
18. Divide x^3+3x^2+3x+1 by $x+1$
19. Divide $2x^4-3x^3+4x^2-5x+6$ by x^2-x+1
20. Divide $x^5+x^4-x^3-x^2+x+1$ by x^2+1