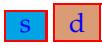


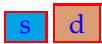
Derivabilidad y monotonía

Determinar los intervalos de crecimiento y de decrecimiento de las siguientes funciones.

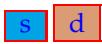
1. $f(x) = x^2 - 4x + 3$



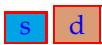
2. $g(x) = x^3 - 6x^2 + 9x - 2$



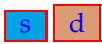
3. $h(x) = -2x^3 + 6x - 1$



4. $f(x) = x^4 - 4x^3$



5. $g(x) = (x^2 - 1)^2$



6. $h(x) = x^2 + \frac{16}{x}$



7. $f(x) = \frac{x^2}{x^2 - 4}$



8. $g(x) = \sqrt{9 - x^2}$



9. $h(x) = \sqrt[3]{x^4} - 4\sqrt[3]{x}$



10. $f(x) = x^3 + \frac{48}{x}$

