

Troba els dominis de les funcions:

$$1. \quad y = \sqrt{\frac{3x+6}{x^2-9}}$$

$$2. \quad y = \sqrt{\frac{-x^2-4}{-x^2-x}}$$

$$3. \quad y = \frac{\sqrt{4x-4}}{4x-4}$$

$$4. \quad y = \frac{\sqrt{(x-3)(x+6)}x}{(x+1)(x-2)(x+4)}$$

$$5. \quad y = \frac{(x-3)(x+6)x}{\sqrt{(x+1)(x-2)(x+4)}}$$

$$6. \quad y = \sqrt{\frac{(x-3)(x+6)x}{(x+1)(x-2)(x+4)}}$$

$$7. \quad y = \frac{x}{\sqrt[3]{x^2+2x+1}}$$

$$8. \quad y = \sqrt[4]{\frac{-2x+2}{x^2+1}}$$

$$9. \quad y = \sqrt[6]{\frac{-2x+2}{-x^2-1}}$$

$$10. \quad y = \sqrt[5]{\frac{-2x+2}{-x^2-1}}$$