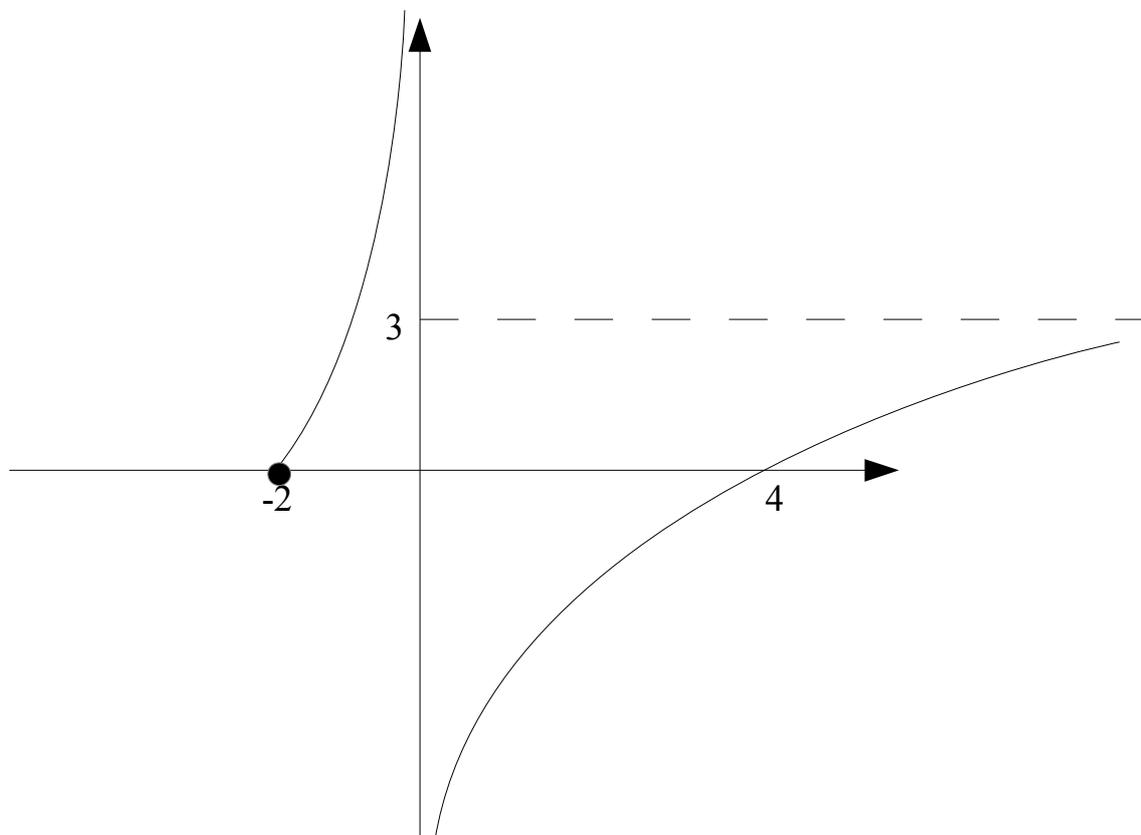


Esercitazione a Gruppi

Studiare le funzioni rappresentate in figura e determinare:

- 1) Dominio
- 2) Codominio
- 3) Eventuale Parità o Disparità
- 4) Intervalli di crescita e decrescenza
- 5) Segno della funzione
- 6) Limiti e punti di intersezione richiesti

Grafico 1)



$$\lim_{x \rightarrow -2^+} f(x) =$$

$$\lim_{x \rightarrow 0^+} f(x) =$$

$$\lim_{x \rightarrow 4^-} f(x) =$$

$$\lim_{x \rightarrow +\infty} f(x) =$$

$$f(4) =$$

$$f(0) =$$

$$\lim_{x \rightarrow -2^-} f(x) =$$

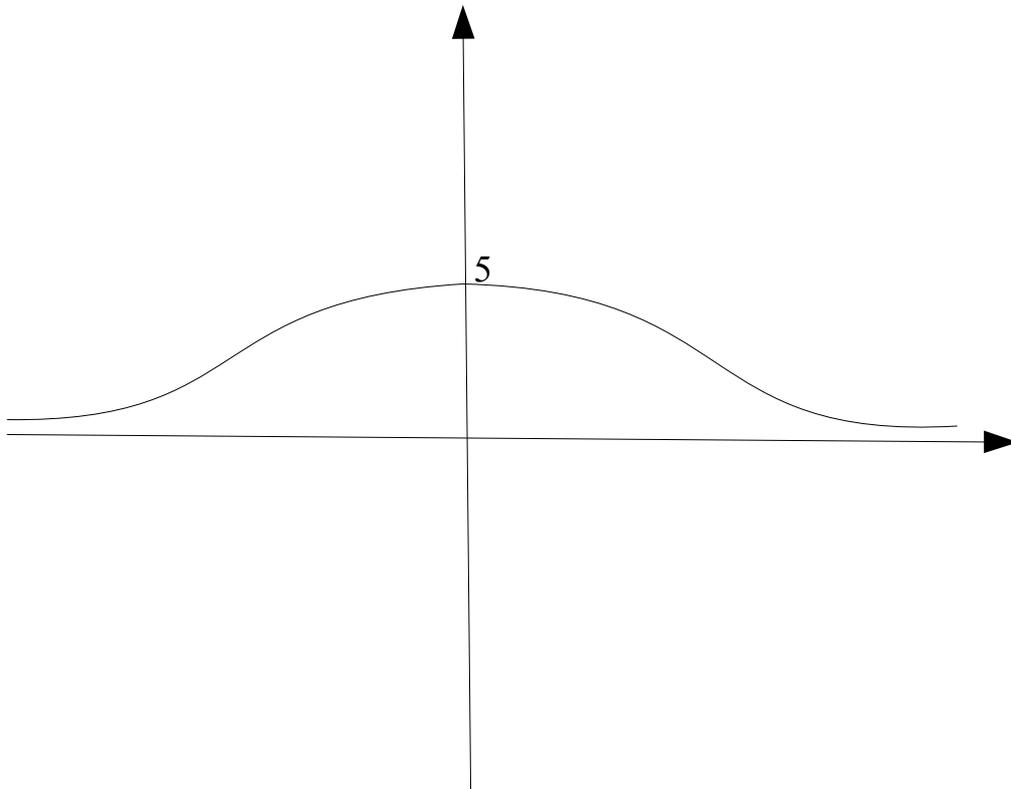
$$\lim_{x \rightarrow 0^-} f(x) =$$

$$\lim_{x \rightarrow 4^+} f(x) =$$

$$\lim_{x \rightarrow -\infty} f(x) =$$

$$f(-2) =$$

Grafico 2)



$$\lim_{x \rightarrow 0^+} f(x) =$$

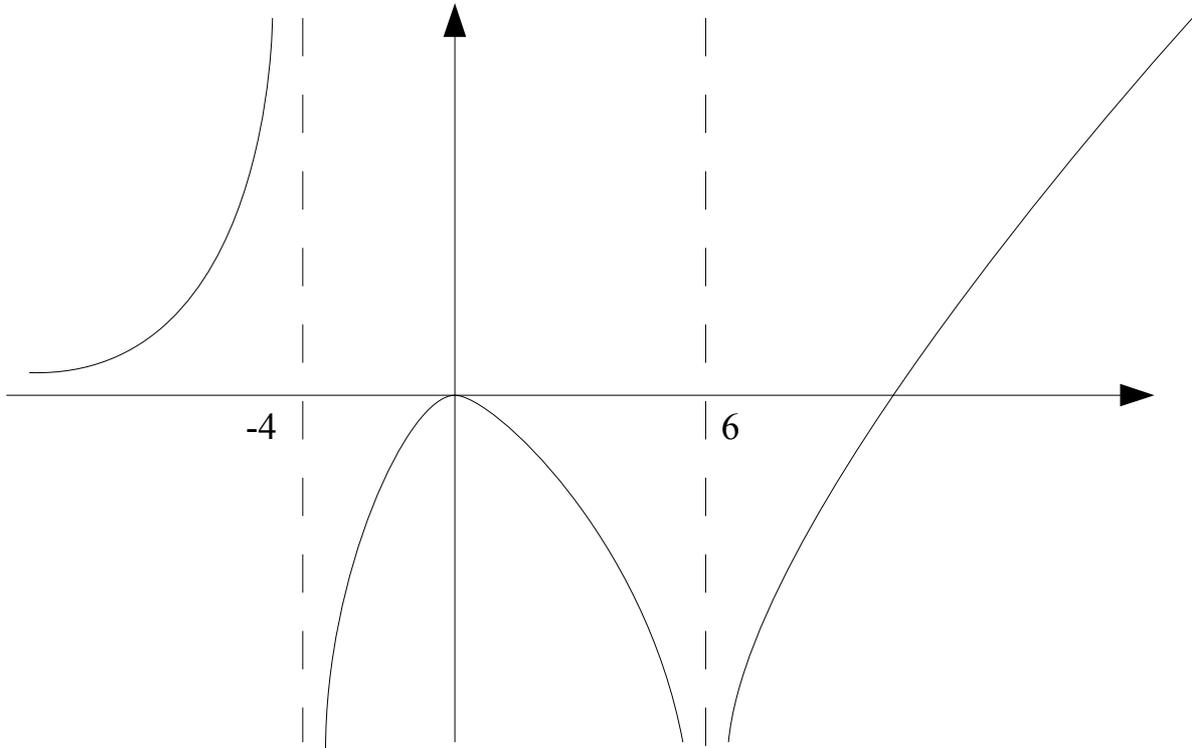
$$\lim_{x \rightarrow 0^-} f(x) =$$

$$\lim_{x \rightarrow +\infty} f(x) =$$

$$\lim_{x \rightarrow -\infty} f(x) =$$

$$f(0) =$$

Grafico 3)



$$\lim_{x \rightarrow -4^+} f(x) =$$

$$\lim_{x \rightarrow 0^+} f(x) =$$

$$\lim_{x \rightarrow 6^-} f(x) =$$

$$\lim_{x \rightarrow +\infty} f(x) =$$

$$\lim_{x \rightarrow -4^-} f(x) =$$

$$\lim_{x \rightarrow 0^-} f(x) =$$

$$\lim_{x \rightarrow 6^+} f(x) =$$

$$\lim_{x \rightarrow -\infty} f(x) =$$

$$f(4) =$$

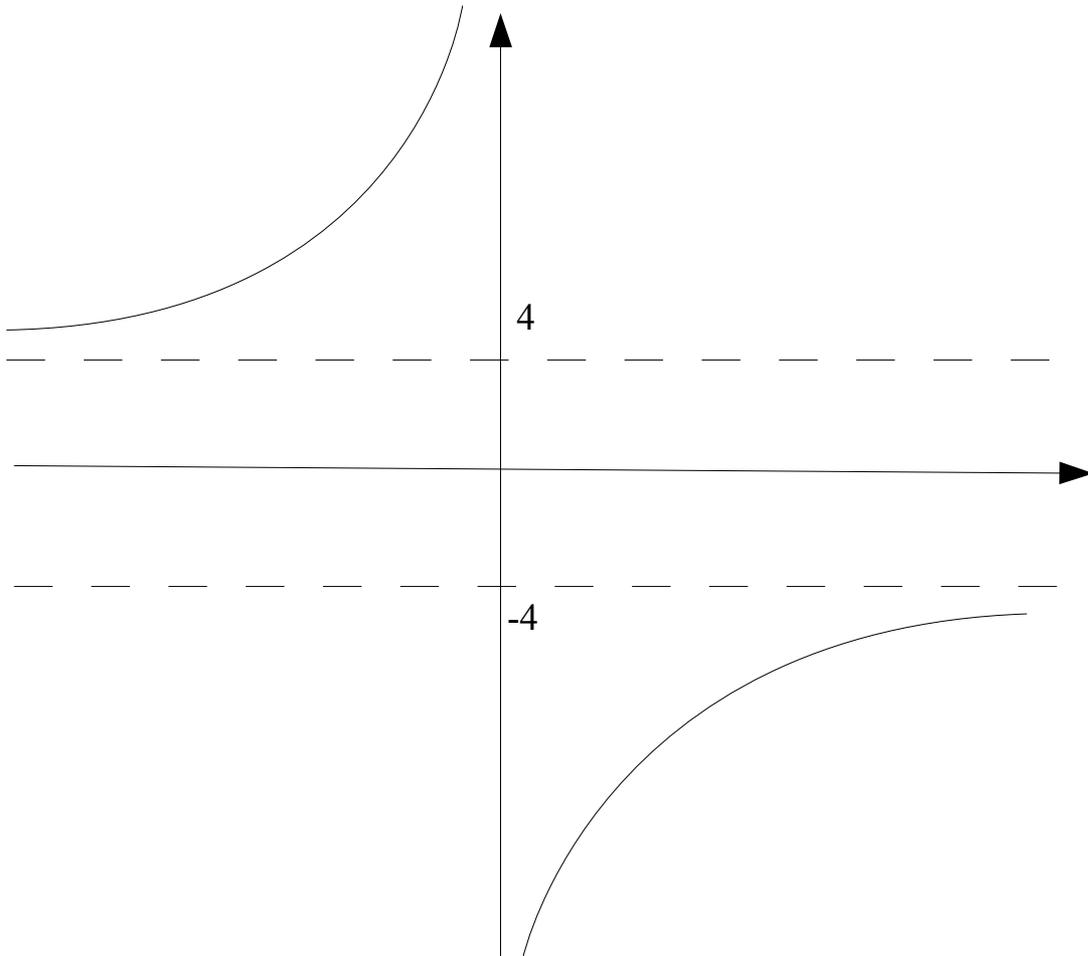
$$f(0) =$$

$$f(6) =$$

$$f(-2) =$$

$$f(-4) =$$

Grafico 4)



$$\lim_{x \rightarrow 0^+} f(x) =$$
$$\lim_{x \rightarrow +\infty} f(x) =$$

$$f(0) =$$

$$\lim_{x \rightarrow 0^-} f(x) =$$
$$\lim_{x \rightarrow -\infty} f(x) =$$