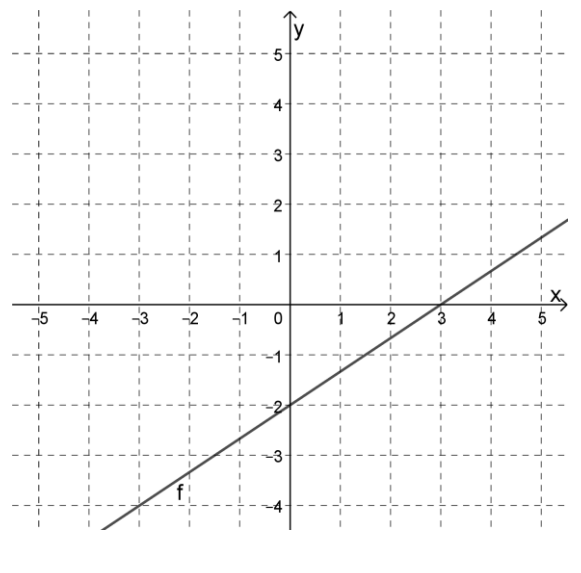




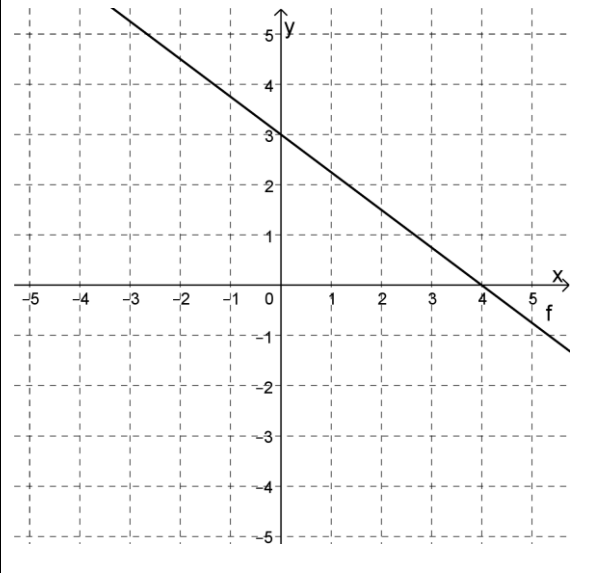
Tracciare grafici di funzioni 1

Per ogni situazione, dato il grafico della funzione f , traccia quello delle funzioni g e h , se riesci senza fare molti calcoli, ma piuttosto, laddove possibile, dei ragionamenti su traslazioni e simmetrie.

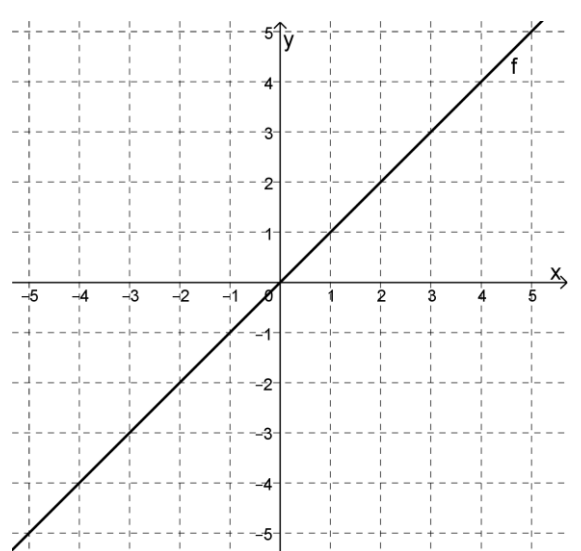
$f: x \mapsto \frac{2}{3}x - 2$ $g: x \mapsto \frac{2}{3}x + 1$ $h: x \mapsto \frac{2}{3}x + 3$



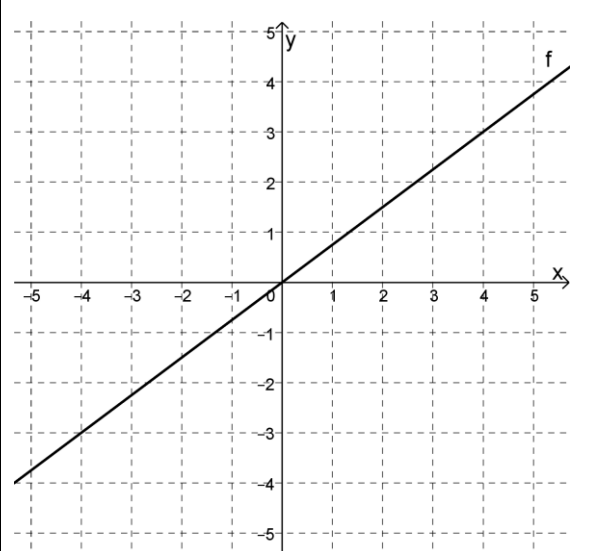
$f: x \mapsto -\frac{3}{4}x + 3$ $g: x \mapsto -\frac{3}{4}x$ $h: x \mapsto -\frac{3}{4}x - 2$



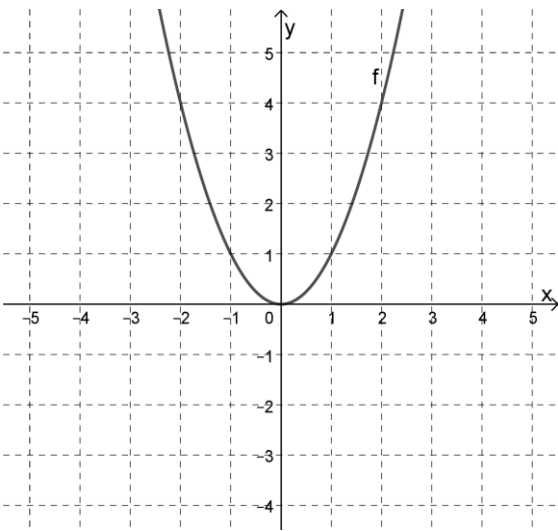
$f: x \mapsto x$ $g: x \mapsto 2x$ $h: x \mapsto \frac{1}{2}x$



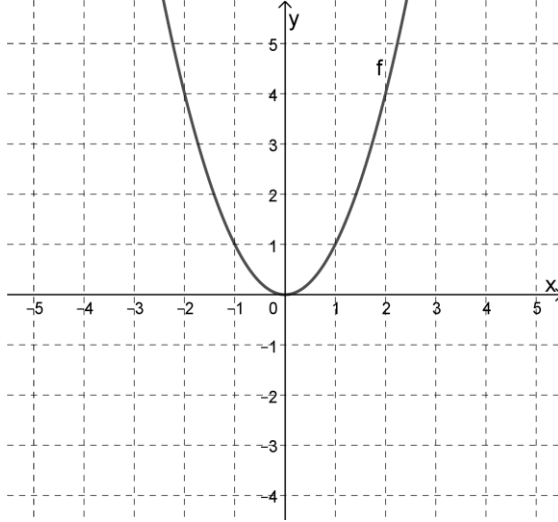
$f: x \mapsto \frac{3}{4}x$ $g: x \mapsto \frac{3}{4}x - 4$ $h: x \mapsto -\frac{4}{3}x$



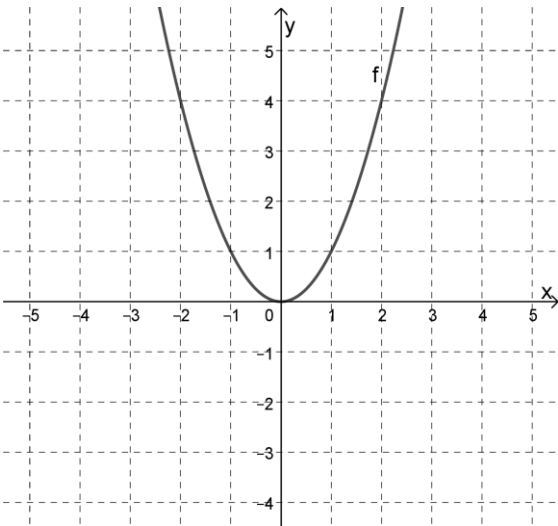
$$f: x \mapsto x^2 \quad g: x \mapsto x^2 - 2 \quad h: x \mapsto -x^2$$



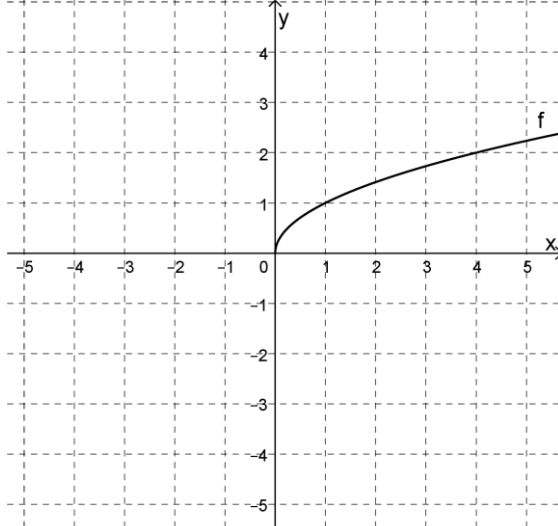
$$f: x \mapsto x^2 \quad g: x \mapsto 2x^2 \quad h: x \mapsto \frac{1}{2}x^2$$



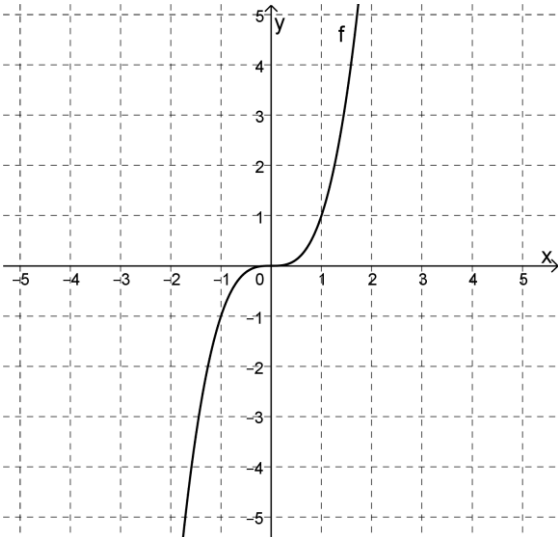
$$f: x \mapsto x^2 \quad g: x \mapsto x^2 + 3 \quad h: x \mapsto (x-2)^2$$



$$f: x \mapsto \sqrt{x} \quad g: x \mapsto -\sqrt{x} \quad h: x \mapsto \sqrt{-x}$$



$$f: x \mapsto x^3 \quad g: x \mapsto -x^3 \quad h: x \mapsto \frac{1}{4}x^3$$



$$f: x \mapsto \frac{1}{x} \quad g: x \mapsto -\frac{1}{x} \quad h: x \mapsto \frac{2}{x}$$

