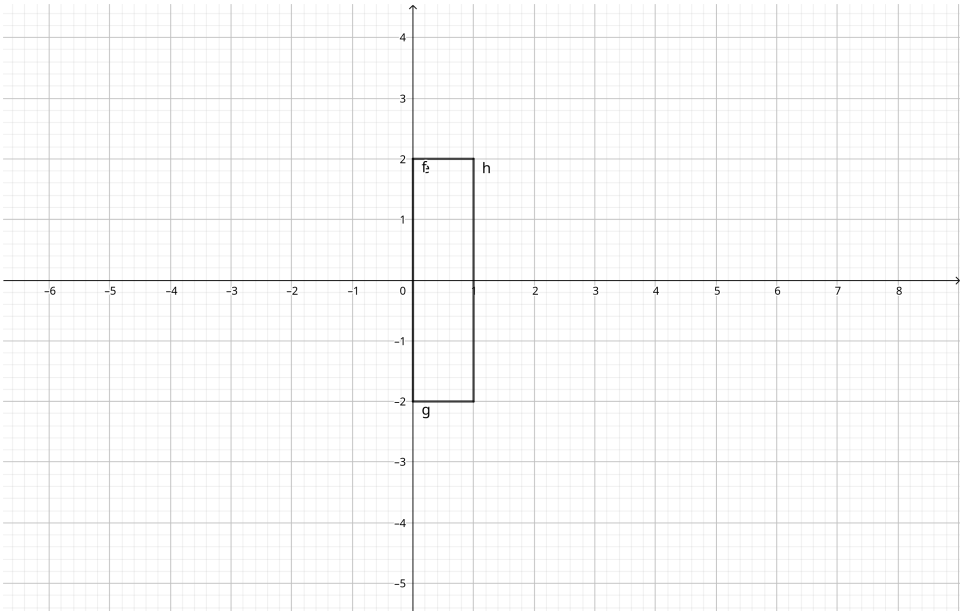
1. $$r(t) = \begin{cases} t(0;-4) + (0;2)t \in [0,1] \\ (t-1)(1;0) + (0;2)t \in (1,2) \\ (t-2)(1;0) + (0;-2)t \in [2,3) \\ (t-3)(0;-4) + (1;2)t \in [2,3] \end{cases}$$



2. $$r(t) = \begin{cases} t(-2;0) + (1;0)t \in [0,1] \\ (t-1)(1;1) + (-1;0)t \in (1,2) \\ (t-2)(1;-1) + (0;1)t \in [2,3] \end{cases}$$