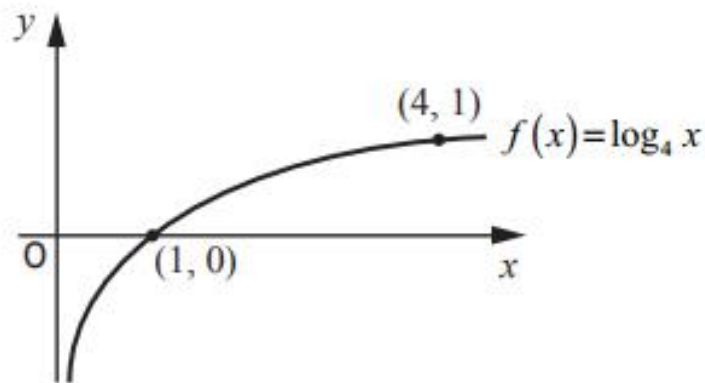


2016 P1 Q10

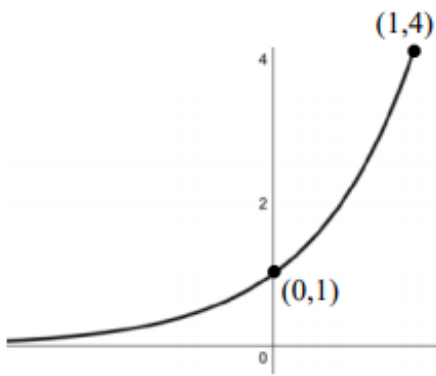
10. The diagram below shows the graph of the function $f(x) = \log_4 x$, where $x > 0$.



The inverse function, f^{-1} , exists.

On the diagram in your answer booklet, sketch the graph of the inverse function.

Answer

Question	Generic Scheme	Illustrative Scheme	Max Mark
10.	<ul style="list-style-type: none"> •¹ graph reflected in $y = x$ •² correct annotation 	<ul style="list-style-type: none"> •¹  <ul style="list-style-type: none"> •² (0,1) and (1,4) 	2