24 The function f is such that $f(x) = 3x - 2$

(a) Find f(5)

.....

(1)

The function g is such that $g(x) = 2x^2 - 20x + 9$ where $x \geqslant 5$

(b) Express the inverse function g^{-1} in the form $g^{-1}(x) = ...$

$g^{-1}(x) =$ .....

(4)

(Total for Question 24 is 5 marks)

TOTAL FOR PAPER IS 100 MARKS

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