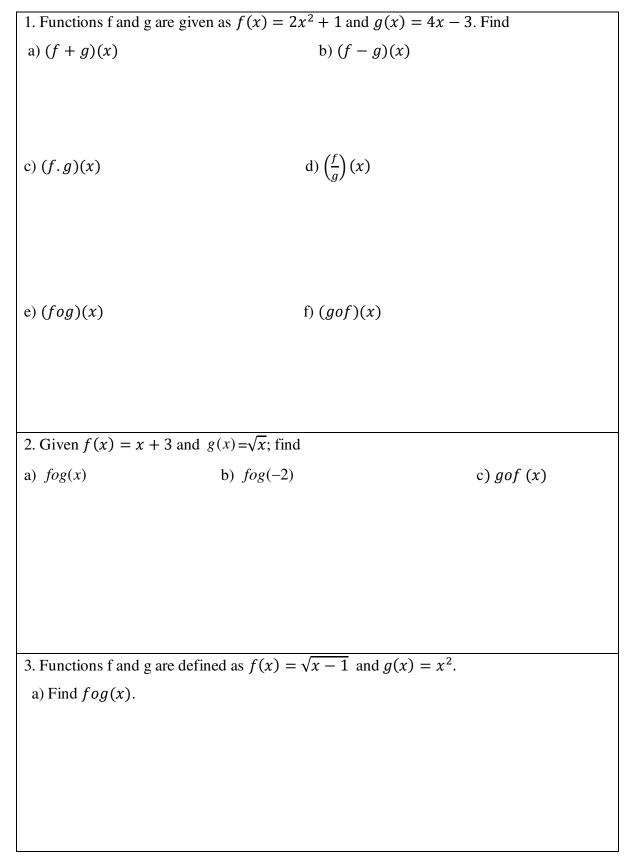
PENANG SANGAM HIGH SCHOOL

YEAR 13

MATHEMATICS

WORKSHEET 6 – FUNCTIONS



b) State the domain and range of fog(x). 4. The functions f and g are defined by $f(x) = \frac{2}{1-x}$ and $g(x) = x^2 - 2$. Find a) the domain of f(x). b) the range of f(x). c) the domain of g(x). d) the range of g(x). e) gof(x)5. The functions f and g are defined by $f(x) = (x + 2)^2$ and $g(x) = \frac{1}{2}x - 6$. Find b) $g^{-1}(-2)$ a) (*fog*)(*x*)

The End