14. (*four marks)* The value V, in dollars, of a t-year-old computer is given by the function $V(t) = \frac{600}{t+1} + 500$.

What was the purchase price of the computer?

a. $600
b. $500
c. $800
d. $1100

15. *(four marks)* The value V, in dollars, of a t-year-old computer is given by the function $V(t) = \frac{600}{t+1} + 500$.

What would be the value of the computer after 4 years?

16. (*two marks)* Which of these quadratic functions does NOT have a minimum value?

17. (*two marks)* Which of these quadratic functions has a maximum value?

18. *(six marks)* Determine the vertex of the function $y = -3(x-1)^2 - 2$.