SQ FM A house was purchased at the start of 1986 for $\$ 45000$.
19 Assume that the value of the house has increased by $8 \%$ per annum since then. What is the value of the house at the end of 2019 , to the nearest $\$ 1000$ ?
$2019-1986=33$.
From start of 1986 to start of 2019 is 33 years.
Plus all of 2019 gives 34 years.
Value $=45000(1+0.08)^{34}$
$=616056.0123 \ldots$
$=616000$ (nearest thousand)
The value is $\$ 616000$.

[^0]
[^0]:    * These solutions have been provided by projectmaths and are not supplied or endorsed by NESA.

