d) $T(n) = 7 \cdot T(\frac{n}{3}) + n^3$

$k = \log_3 7$

$f(n) = n^3$

$\Rightarrow f(n)$ grows faster than $n^{(\log_3(7))}$

Thus, $T(n) = \Theta(n^3)$

e) $T(n) = T(\frac{n}{2}) + n(2 - \cos n)$

$k = \log_2 1 = 0$

$f(n) = 2n - n\cos n$

$\Rightarrow$ Master theorem doesn't apply because regularity condition is violated