Time Complexity in ⊙ form

a)
$$T(n) = 3T(n/2) + n$$

Solution:
$$\Theta$$
 (n $\log_2 3$)

b)
$$T(n) = 64T(n/8) - n^{2(\log n)}$$

Solution:
$$\Theta$$
 ($n^{2(\log 1/n)}$)

c)
$$T(n) = 2nT(n/2) + n^n$$

d)
$$T(n) = 3T(n/3) + n/2$$

e)
$$T(n) = 7T(n/3) + n^2$$

Solution:
$$\Theta$$
 (n³)