1) (a)
$$1 \circ 0.45 = 2.22$$

b) $1 = 1.94$
c) $1 = (1 - e(-0.45)x3) = 0.26$
2) $1 = e^{-0.45}m = 0.5$
 $e^{-0.45}m = 0.5$
 $m = 1.54$
3) (a) $1 \circ 0.25 = 14$
(b) $1 \circ 0.25^2 = 16 = 16 = 14$
c) $1 = e^{-0.25}x3 = 0.53$
2) $1 = (1 - e^{-0.25}x3)$
 $e^{-2.25}m = 0.5$
 $e^{-0.25}m = 0.5$