no.1

$A = P(1+r)^n$

$= 5500(1+0.03)^{1.5}$

$5500(1.03)^{1.5}$

$A = 5749.35$

Interest $= 5749.35 - 5500$

$= 249.35$

no.2

$P = PMT\left[\frac{1-(1+r)^{-n}}{r}\right]$

$= 6000\left[\frac{1-(1+\frac{0.02}{2})^{-10\times2}}{0.02}\right]$

$= 54136.66$

no.3

$FV = P\left(\frac{(1+r)^n - 1}{r}\right)$

$= 550\left(\frac{(1+\frac{0.2}{2})^{36} - 1}{0.2}\right)$

$= 550\left(\frac{(1.1)^{36} - 1}{0.2}\right)$

$= 8225.99$

$= 8226$

no. 4

$$FVA = PMT\left(\frac{(1+r)^n - 1}{r}\right)$$

$$750{,}000 = PMT\left(\frac{\left(1+\frac{0.08}{2}\right)^{60} - 1}{0.08}\right)$$

$$PMT = \frac{750{,}000}{118.9953426}$$

$$= 6302.77$$