

Dear Mr West

RE: CORRECTION TO MARKING GUIDELINE (MATHEMATICS P1)

7.2	$F_v = \frac{x[(1+i)^n - 1]}{i}$ $= \frac{900 \left[\left(1 + \frac{0,08}{12}\right)^{120} - 1 \right]}{\frac{0,08}{12}} \left(1 + \frac{0,08}{12}\right)^{60} + \frac{1300 \left[\left(1 + \frac{0,08}{12}\right)^{60} - 1 \right]}{\frac{0,08}{12}}$ $= 245\,305,23 + 95\,519,91$ $= R340\,825,14$	✓ $n = 120$ and/en $i = \frac{8\%}{12}$ or / of $\frac{8}{1200}$ ✓ $n = 60$ in F_v ✓ substitution into F_v / vervang in F_v ✓ $\times \left(1 + \frac{0,08}{12}\right)^{60}$ ✓ answer / antwoord
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was omitted in
the original MG

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OR/OF (alternative method)

7.2	$F_v = \frac{x[(1+i)^n - 1]}{i}$ $= \frac{900 \left[\left(1 + \frac{0,08}{12}\right)^{180} - 1 \right]}{\frac{0,08}{12}} + \frac{400 \left[\left(1 + \frac{0,08}{12}\right)^{60} - 1 \right]}{\frac{0,08}{12}}$ $= 311\,434,40 + 29\,390,74$ $= R340\,825,14$	✓ $n = 180$ and/en $i = \frac{8\%}{12}$ or / of $\frac{8}{1200}$ ✓ substitution into F_v / vervang in F_v working with 900 ✓ $n = 60$ in F_v ✓ substitution into F_v / vervang in F_v working with 400 ✓ answer / antwoord
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