

Hello

- This week of **December 9th, 10th and 11th** we'll continue with the identities.
- Reminder: **Decemder 12th and 13th** you will take a **test** on identities . We'll review together prior to that.

Να συμπληρώσετε τα παρακάτω

1. $(\dots - \dots)^2 = 16x^2 \dots 8x\alpha \dots$

2. $(x \dots)^2 = \dots + \dots + 9$

3. $(\dots \dots 4)^2 = y^2 - \dots \dots$

4. $(2x - 3y)^3 =$

5. $(y^2 - 2)^3 =$

6. $(\omega^2 - 2\omega)^3 =$

7. $(\alpha^2 + \alpha)^3 - (\alpha^2 - \alpha)^3 =$

8. $(x^2 - 1)^2 - (x^2 - 3)(x^2 + 3) =$

9. $(x - 2y)^2 - (2x - y)^2 + 3x^2 - 3y^2 =$

10. Αν $x = 3 + \sqrt{5}$ και $y = 3 - \sqrt{5}$, να υπολογίσετε τις παραστάσεις

i) $x^2 + y^2 =$

ii) $(xy)^3 =$