

Unit 3. Section 4. Factorizations. Practice.

Use any method you know to factor the quadratic functions in standard form.

Here is a list of possible methods:

- *guess and check (Algebra 1)*
- *split the middle (lesson 4)*
- *the method shown in the video linked in lesson 4*
- *graph method (lesson 4 – practice)*
- *special trinomials (lesson 5)*
- *quadratic formula (will be covered in lesson 7)*

A) $x^2 - 49$

B) $x^2 + 8x + 15$

C) $x^2 + 4x - 32$

D) $9x^2 + 6x + 1$

E) $x^2 + 4x$

F) $x^2 - 10x + 25$

G) $x^2 + 1$