

Section 5-4: Multiplying Polynomials

1. 060708a, P.I. A.A.13

What is the product of $(c+8)$ and $(c-5)$?

- [A] $c^2 - 40$ [B] $c^2 + 3c - 40$
[C] $c^2 + 13c - 40$ [D] $c^2 - 3c - 40$

2. 060015a, P.I. A.A.13

The expression $(x-6)^2$ is equivalent to

- [A] $x^2 - 12x + 36$ [B] $x^2 + 36$
[C] $x^2 + 12x + 36$ [D] $x^2 - 36$

3. 010430a, P.I. A.A.13

The expression $(a^2 + b^2)^2$ is equivalent to

- [A] $a^4 + 4a^2b^2 + b^4$ [B] $a^4 + b^4$
[C] $a^4 + a^2b^2 + b^4$ [D] $a^4 + 2a^2b^2 + b^4$

[1] B

[2] A

[3] D