S2 Factorization
Multiple Choice Questions

1. [13-14 Mid-year Exam]

Factorize $-6bc+2b+4b^2c$.

A. $2b(3c+2bc+1)$

B. $2b(3c-2bc-1)$

C. $-2b(3c+2bc+1)$

D. $-2b(3c-2bc-1)$

2. [13-14 Mid-year Exam]

Factorize $x^2-4a+2x-2ax$.

A. $(x-2)(x-2a)$

B. $(x-2)(x+2a)$

C. $(x+2)(x-2a)$

D. $(x+2)(x+2a)$

3. [14-15 Final Exam 6]

Factorize $a(b-3)-(b-3)$.

A. $-a(b-3)$ **B.** $+a(b-3)$

C. $(a-1)(b-3)$ **D.** $(a+1)(b-3)$

4. [14-15 Final Exam 16]

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

A. $(3x-4y)(2-3x+4y)$

B. $(3x-4y)(2+3x-4y)$

C. $(4y-3x)(2-3x+4y)$

D. $(4y-3x)(2+3x-4y)$

5. [15-16 Mid-year Exam 10]

Factorize $64a^2 - 48a^4 - 32a$ completely.

A. $-16(2a-4a^2+3a^4)$

B. $-16a(2+4a-3a^3)$

C. $-16a(2-4a+3a^3)$

D. $-16a^2(3a^2-4a+2)$

6. **[15-16 Final Exam, #13]**

Factorize $ax - 1 + x - a$.

A. $(a+1)(x-1)$

B. $(a-1)(x+1)$

C. $(a+1)(1-x)$

D. $(1-a)(x+1)$

~ End ~