

**A.A.13: Addition and Subtraction of Monomials: Add, subtract, and multiply monomials and polynomials**

1 The expression  $2x^2 - x^2$  is equivalent to

- 1)  $x^0$
- 2)  $2$
- 3)  $x^2$
- 4)  $-2x^4$

2 Which expression is equivalent to  $-3x(x - 4) - 2x(x + 3)$ ?

- 1)  $-x^2 - 1$
- 2)  $-x^2 + 18x$
- 3)  $-5x^2 - 6x$
- 4)  $-5x^2 + 6x$

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1 ANS: 3 REF: 080623a

2 ANS: 4

$$-3x(x-4) - 2x(x+3) = -3x^2 + 12x - 2x^2 - 6x = -5x^2 + 6x$$

REF: 081114ia