

Name: _____

- 1 The expression $x^2 - 16$ is equivalent to
fall0706ia (1) $(x+2)(x-8)$ (3) $(x+4)(x-4)$
(2) $(x-2)(x+8)$ (4) $(x+8)(x-8)$
- 2 Which expression is equivalent to $9x^2 - 16$?
080902ia (1) $(3x+4)(3x-4)$ (3) $(3x+8)(3x-8)$
(2) $(3x-4)(3x-4)$ (4) $(3x-8)(3x-8)$
- 3 The expression $9x^2 - 100$ is equivalent to
010909ia (1) $(9x-10)(x+10)$ (3) $(3x-100)(3x-1)$
(2) $(3x-10)(3x+10)$ (4) $(9x-100)(x+1)$
- 4 Factored, the expression $16x^2 - 25y^2$ is equivalent to
060804ia (1) $(4x-5y)(4x+5y)$ (3) $(8x-5y)(8x+5y)$
(2) $(4x-5y)(4x-5y)$ (4) $(8x-5y)(8x-5y)$
- 5 Factor completely: $4x^3 - 36x$
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