

Evaluating expressions

Name: _____ Marks: _____

1 Evaluate $x^2 + 3$ when $x = 4$

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2 Evaluate $(x + y + z)^3$ when $x = 1, y = 1, z = 1$

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3 Evaluate $(x + 1)(x^2 - x + 1)$ when $x = 2$

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4 Evaluate $(a + b)^2 - (a - b)^2$ when $a = 3, b = 1$

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5 Evaluate $2x^2 + 3xy + y^2$ when $x = 2, y = 1$

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6 Evaluate $(3x + 2) / (x - 1)$ when $x = 2$

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7 Evaluate $(x^2 - 1)/(x - 1)$ when $x = 2$

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8 Evaluate $x^2 + 4xy + 4y^2$ when $x = 1, y = 2$

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9 Evaluate $x^3 + y^3$ when $x = 2, y = 1$

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10 Evaluate $(2x - 1)(x + 3)$ when $x = 2$

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11 Evaluate $2x$ when $x = 3$

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12 Evaluate $3(x + 2y) - 4$ when $x = 2, y = 1$

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13 Evaluate $x^3 - 3xy^2 + y^3$ when $x = 2, y = 1$

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14 Evaluate $(x + y)(x^2 - xy + y^2)$ when $x = 1, y = 2$

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15 Evaluate $2(x - y)^2$ when $x = 5, y = 3$

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