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Class 8 Maths Worksheet

WS2

Algebraic Expressions & Identities

Topic: Identitites

Name:

Date:

Write the following squares of binomials as trinomials:

1. $(x + 2)^2$
2. $(8a + 3b)^2$
3. $(2m + 1)^2$
4. $(9a + 1/6)^2$
5. $(x + x^2/2)^2$
6. $(x/4 - y/3)^2$
7. $(3x - 1/3x)^2$
8. $(x/y - y/x)^2$
9. $(3a/2 - 5b/4)^2$
10. $(a^2b - bc^2)^2$

$81a^2 + 3a + 1/36$	$4m^2 + 4m + 1$	$x^2 + x^3 + 1/4x^4$
$x^2/y^2 - 2 + y^2/x^2$	$1/16x^2 - xy/6 + 1/9y^2$	$x^2 + 4x + 4$
$9/4a^2 - 15/4ab + 25/16b^2$	$a^4b^2 - 2a^2b^2c^2 + b^2c^4$	$9x^2 - 2 + 1/9x^2$

$64a^2 + 48ab + 9b^2$

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