Math Practice - Grade 6

M7 Expressions, exponents, order of operations

M7 6.EE.A.1, 6.EE.A.2, 6.EE.A.2a, 6.EE.A.2b, 6.EE.A.2c

Name: _____ Date: _____

Write the power as repeated multiplication and work it out. Write the expression the words describe. Name the part of the expression. Work out the expression for the given value.

1 Write 10 to the power 2 as repeated multiplication, then work it out.

$10 \times 10 =$ ☐

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2 Write the expression the words describe: The product of 6 and x.

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3 How many terms does 5x + 4x + 4 have?

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4 Work out $y^2 + 8$ when y = 8.

$y^2 + 8 =$ ☐

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M7 6.EE.A.1, 6.EE.A.2, 6.EE.A.2a, 6.EE.A.2b, 6.EE.A.2c

Name: _____ Date: _____

Write the power as repeated multiplication and work it out. Write the expression the words describe. Name the part of the expression. Work out the expression for the given value.

1 Write 2 to the power 3 as repeated multiplication, then work it out.

$2 \times 2 \times 2 =$ ☐

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2 Write the expression the words describe: y divided by 5.

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3 Name one factor in 9x x 2.

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4 Work out 9y - 6 when y = 2.

$9y - 6 =$ ☐

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M7 6.EE.A.1, 6.EE.A.2, 6.EE.A.2a, 6.EE.A.2b, 6.EE.A.2c

Name: _____ Date: _____

Write the power as repeated multiplication and work it out. Write the expression the words describe. Name the part of the expression. Work out the expression for the given value.

1 Write 9 to the power 2 as repeated multiplication, then work it out.

$9 \times 9 =$ ☐

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2 Write the expression the words describe: Twice x, plus 12.

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3 How many terms does 8y + 5y + 5 have?

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4 Work out 3(y + 6) when y = 4.

$3(y + 6) =$ ☐