Equations and inequalities

Math H

Name_____ Class_____ Date_____

1 A **variable** is a letter, which stands for one or more numbers.

True or false?

A true
B false

2 In the expression, $3x + 2y - 2x$, there are three **variables**.

True or false?

$3x + 2y - 2x$

A true
B false

3 Which **expression** represents the following?

4 Which **expression** represents the following?

four times a number squared

PREVIEW

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5

7

$6x \div 2$

A 9
B 12
C 16
D 18

$3x^2 - y$

A 7
B 19
C 43
D 71

9 What does the following expression equal when $x = 3$, $y = 2$ and $z = -1$?

$7x + 8y - 9z$

A 22
B 28
C 29
D 46

10 What does the following expression equal when $a = 5$, $b = 2$ and $c = -3$?

$a + b(a + c)$

A 5
B 9
C 12
D 14

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B false

B

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B

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C

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C

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B

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