

Equations and inequalities



Name ₋	Cla	ass Date
1	A variable is a letter, which stands for one or more numbers. True or false?	In the expression, $3x + 2y - 2x$, there are three variables.
	A true B false	True or false? $3x + 2y - 2x$ A true B false
3	Which expression represents the following? the product of two and a number	Which expression represents the following? four times a number squared diminished by six
	A 2 + n C 2n	$\mathbf{A} \ 4^2 - 6$
5		B 4n² - 6
	ti ti	
PREVIEW		/IEW
7	Please <u>Sign In</u> or <u>Sign Up</u> to download the printable version of this worksheet	
	A 9 B 12 C 16 D 18	A 7 B 19 C 43 D 71
9	What does the following expression equal when $x = 3$, $y = 2$ and $z = -1$? $7x + 8y - 9z$	What does the following expression equal when $a = 5$, $b = 2$ and $c = -3$? $a + b(a + c)$
	A 22 B 28 C 29 D 46	A 5 B 9 C 12 D 14



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ANSWER KEY

A variable is a letter, which stands for In the expression, 3x + 2y - 2x, there one or more numbers. are three variables. True or false? True or false? 3x + 2y - 2xa b A true A true **B** false **B** false Which expression represents Which expression represents the following? the following? four times a number squared the product of two and a number diminished by six C A2+nC 2n $A4^2-6$ **B** $4n^2 - 6$ B2-n $C4n-6^2$ V th S ti A C **PREVIEW** D Please Sign In or Sign Up to download е the printable version of this worksheet **B** 12 **B** 19 C 16 C 43 **D** 18 **D** 71 What does the following expression What does the following expression equal when a = 5, b = 2 and c = -3? equal when x = 3, y = 2 and z = -1? 7x + 8y - 9za + b(a + c)A 22 A 5 **B** 28 **B** 9 C 29 C 12 **D** 46 **D** 14