

Unit	Title
1	Expressions, Equations + Functions
H1	Variables and Expression p.

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Vocabulary
 algebraic expression - a combination of variables and math operations (+ - x ÷)
 $5 + a$
 equation =
variables - letters that represent values
term - one part of an algebraic expression
 examples: $5c$ (term) 4 (constant)
 $5c - 4 = 2$ terms
factor - one of the terms I multiply

x factor	product	multiplication
		xy $x \cdot y$ $x(y)$

power - exponent 4^2 power is 2 answer = 16
base - the number that is being used the factor with an exponent.
 3^2 power

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3x4 verbal
 three times...

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1A. $16u^2 - 3$
 Sixteen times u squared minus three
 1B. $\frac{1}{2}a + \frac{6b}{7}$
 one half times a plus six times b divided by seven

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2A. the product of p and 6p
 2B. one third of a $\frac{1}{3}a$

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3. define the variable
 p = pasteries
 c = coffee
 $40p + 200c$

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24.) quotient of 45 and r
 $\frac{45}{r}$

20.) a number less 35
 $n-35$

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