



ACTIVITY

ADVANCED

Name: _____
Date: _____

MATH > ALGEBRA > EQUATIONS WITH VARIABLES

SOLVE THE EQUATION

Solve the following equations to find the variables.

$4x = 72$	$12 + z = 56$	$y + 15 - 8 = 22$
$26 - x = 17$	$5y - 13 = 12$	$8 + 5z = 43$

CREATE A FORMULA

Make an algebraic equation to solve these word problems.

Pooky eats three cans of cat food each day. How long will 27 cans of food last?

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Marlin is two years older than Reese, and the same age as Lee. If Lee is 12, how old is Reese?

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Chris needs an extension cord to set up his new video game. How many 2-meter cords will he need to reach 7 meters?

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48 students participated in a taste test of three new flavors of ice cream. Half preferred Block of Chocolate, and 13 preferred Pucker Up Lemon. How many preferred Honeydew Swirl?

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If Jeremy can save four times the amount he's already put away, he'll have the \$95 he needs to buy a new skateboard. How much has he already saved?

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