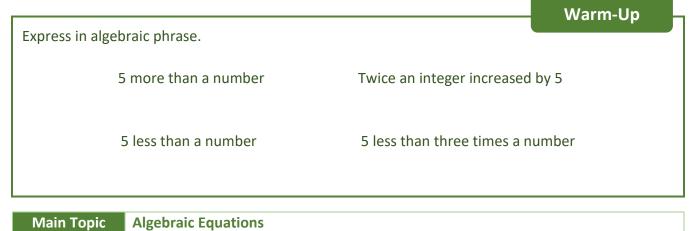
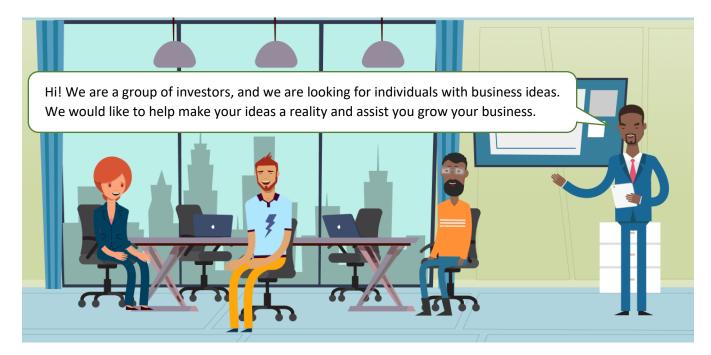
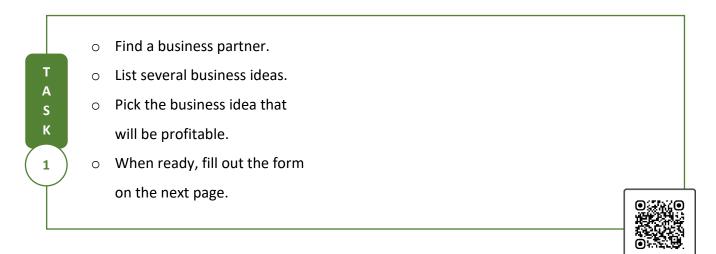
# **1.1 Algebraic Equations**







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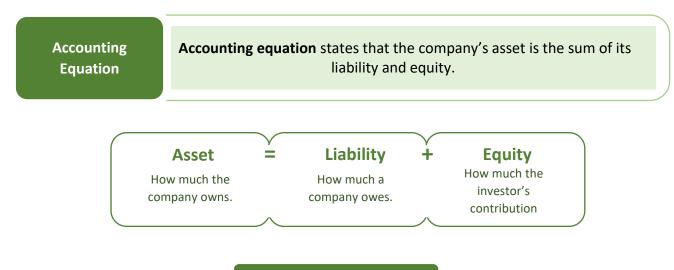
# **Business Proposal Form**

Company	Company	
Name	Owner(s)	

Business Description			
List products or services.	Plan to sell products/Plan to provide the service.		
Target customers.	Marketing plans.		

Finances		
Source of funds.	Equipment needed and their costs.	
Product/service charges to customers.	Monthly expenses.	
Total Monthly Revenue:	Total Monthly Expense:	

Additional information.		



**One-Step Equations** 

Solve for x.

Asset	Liability	Equity	Asset	Liability	Equity
x	\$1,000	\$500	\$2, 000	х	\$200
		1	<u></u>	1	1
Asset	Liability	Equity	Asset	Liability	Equity
Asset \$5, 000	Liability \$3,500	Equity ×	Asset \$8, 000	Liability X	<b>Equity</b> 0

	Algebra Tiles				
		Use algebra tiles to de	monstrate solving for x.		
	x + 5 = 2	x - 5 = 2	5 = 2 - x	5 - x = 2	
L					

## **Two-Step Equations**

#### Use algebra tiles to demonstrate solving for x.

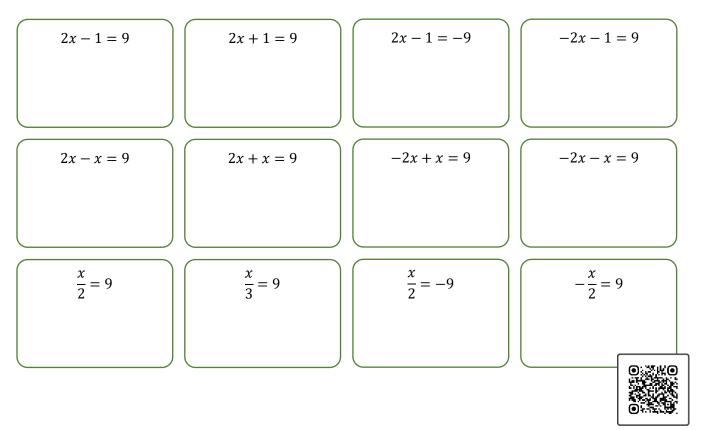
2x - 1 = 5	2x - 2 = 5
3x + 2 = 7	3x + 1 = 13

## Solve for x algebraically.

2x - 1 = 5	2x - 2 = 5
2 - 3x = 7	3x + 1 = 13

# Speed Math

#### Answer as many questions as you can in 2 minutes.



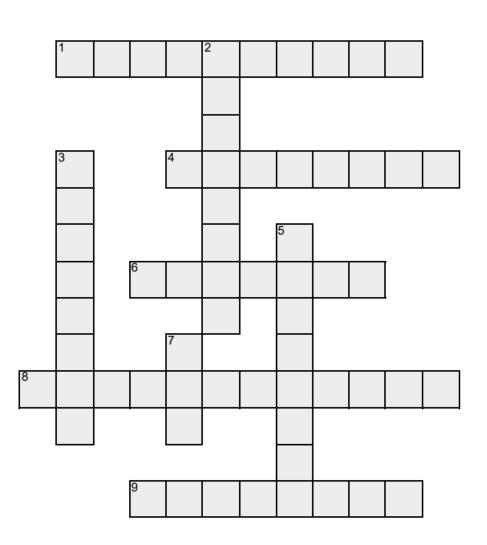
N /	11: 01-			
iviu	lti-Ste	p Eqi	uatio	ns

Solve	for	х.
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Solve for x.	
5x - 1 = 4x + 9	7x + 3 + x = 10 - 2x - 12
2(x-5) = x+6	4 - 3(2x - 7) = 8 - 5x
$\frac{3x}{2} - 5 = 17$	$5 - \frac{x}{2} = 17$
$\frac{3x-5}{2} = 17$	$\frac{3(x+5)}{2} = 17$
$\frac{3x-5}{2} = \frac{x+4}{7}$	$\frac{3x-5}{x+4} = \frac{2}{7}$

End-of-Course Prep

Equations and Inequalities



Across	Down
1. A mathematical phrase that consists of	2. A mathematical statement of two equal
numbers, variables, and operations.	expressions.
4. A letter or symbol in mathematical	3. A fixed value in an expression that does
expression representing an unknown value.	not change.
6. The result when multiplying numbers or	5. The result when dividing numbers or
expressions.	expressions.
8. A statement that compares two	7. The result when adding numbers or
expressions.	expressions.
9. A set of values that satisfies a statement.	