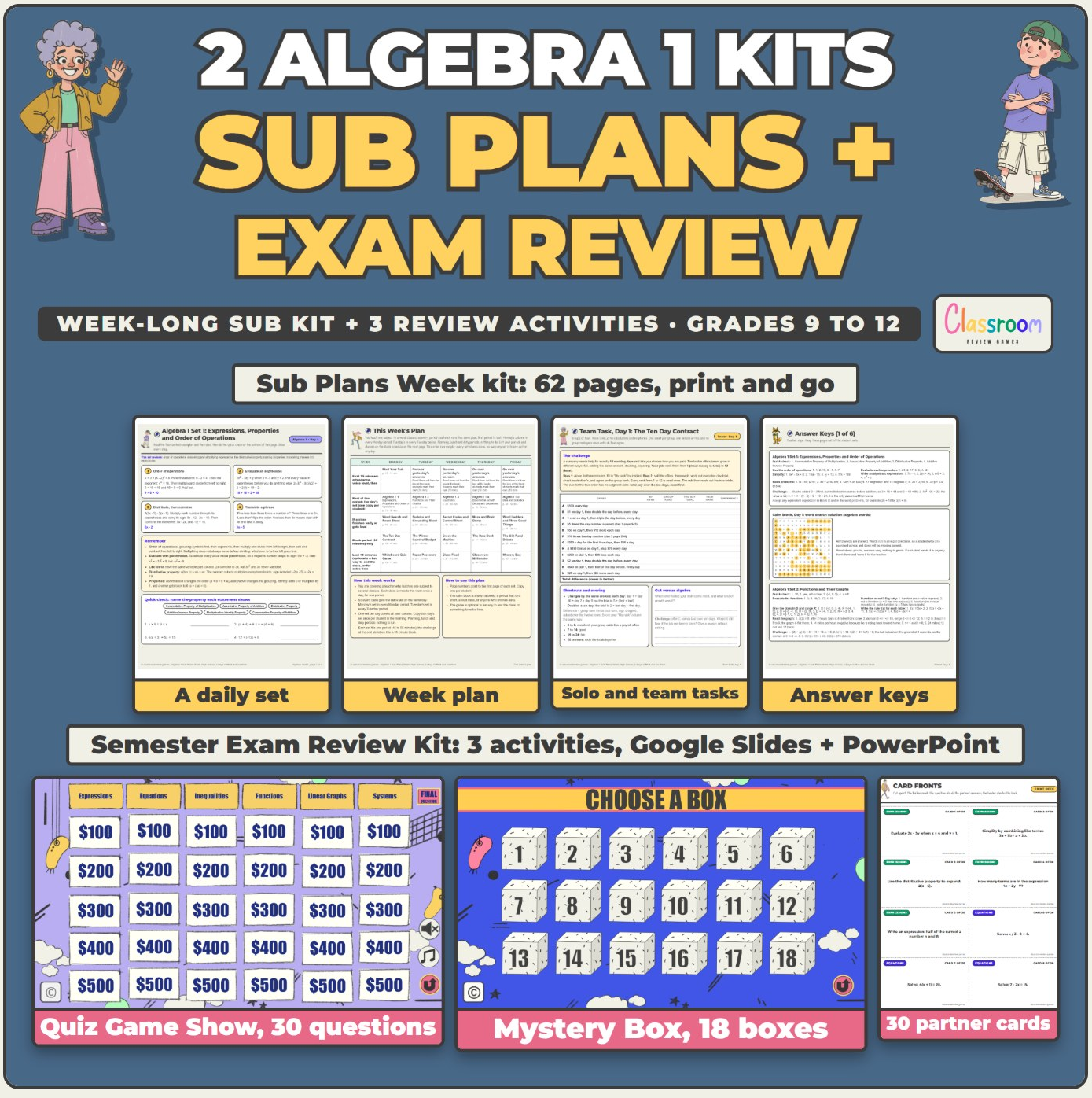
2 Algebra 1 Week Long Sub Plans + Semester Exam Review Bundle, High School

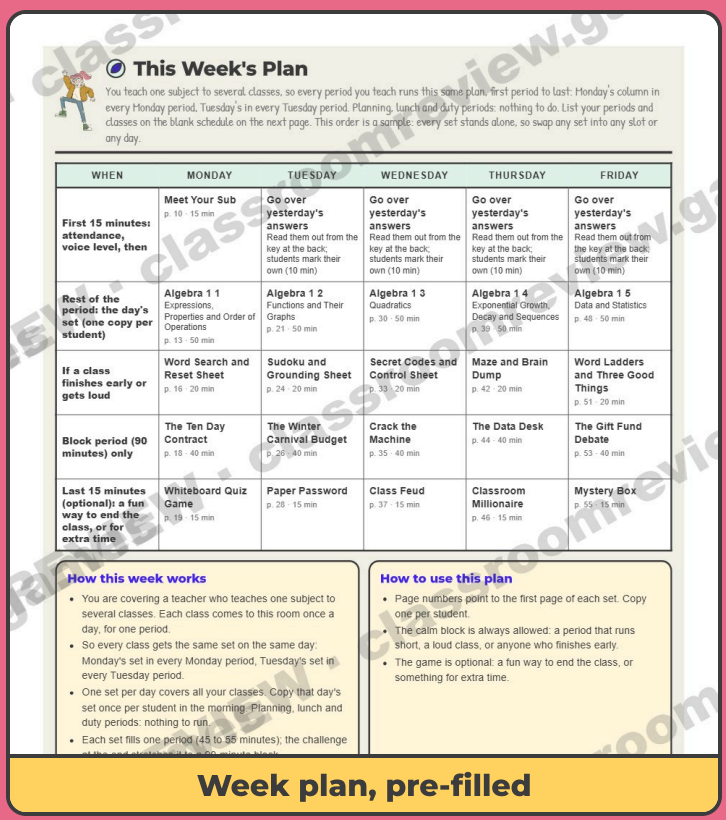
BUNDLE PREVIEW Everything in this bundle, on one page. Sample pages of each product follow.

WHAT'S INCLUDED: 2 PRODUCTS



KIT 1 OF 2 Algebra 1 · 62 pages · week plan pre-filled · grades 9 to 12

Sub Plans Week



This Week's Plan

You teach one subject to several classes, so every period you teach runs this same plan, first period to last: Monday's column in every Monday period, Tuesday's in every Tuesday period. Planning, lunch and duty periods: nothing to do. List your periods and classes on the blank schedule on the next page. This order is a sample: every set stands alone, so swap any set into any slot or any day.

WHEN	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
First 15 minutes: attendance, voice level, then	**Meet Your Sub** p. 10 · 15 min	**Go over yesterday's answers** Read them out from the key at the back; students mark their own (10 min)	**Go over yesterday's answers** Read them out from the key at the back; students mark their own (10 min)	**Go over yesterday's answers** Read them out from the key at the back; students mark their own (10 min)	**Go over yesterday's answers** Read them out from the key at the back; students mark their own (10 min)
Rest of the period: the day's set (one copy per student)	**Algebra 1 1** Expressions, Properties and Order of Operations p. 13 · 50 min	**Algebra 1 2** Functions and Their Graphs p. 21 · 50 min	**Algebra 1 3** Quadratics p. 30 · 50 min	**Algebra 1 4** Exponential Growth, Decay and Sequences p. 39 · 50 min	**Algebra 1 5** Data and Statistics p. 48 · 50 min
If a class finishes early or gets loud	**Word Search and Reset Sheet** p. 16 · 20 min	**Sudoku and Grounding Sheet** p. 24 · 20 min	**Secret Codes and Control Sheet** p. 33 · 20 min	**Maze and Brain Dump** p. 42 · 20 min	**Word Ladders and Three Good Things** p. 51 · 20 min
Block period (90 minutes) only	**The Ten Day Contract** p. 18 · 40 min	**The Winter Carnival Budget** p. 26 · 40 min	**Crack the Machine** p. 35 · 40 min	**The Data Desk** p. 44 · 40 min	**The Gift Fund Debate** p. 53 · 40 min
Last 15 minutes (optional): a fun way to end the class, or for extra time	**Whiteboard Quiz Game** p. 19 · 15 min	**Paper Password** p. 28 · 15 min	**Class Feud** p. 37 · 15 min	**Classroom Millionaire** p. 46 · 15 min	**Mystery Box** p. 55 · 15 min

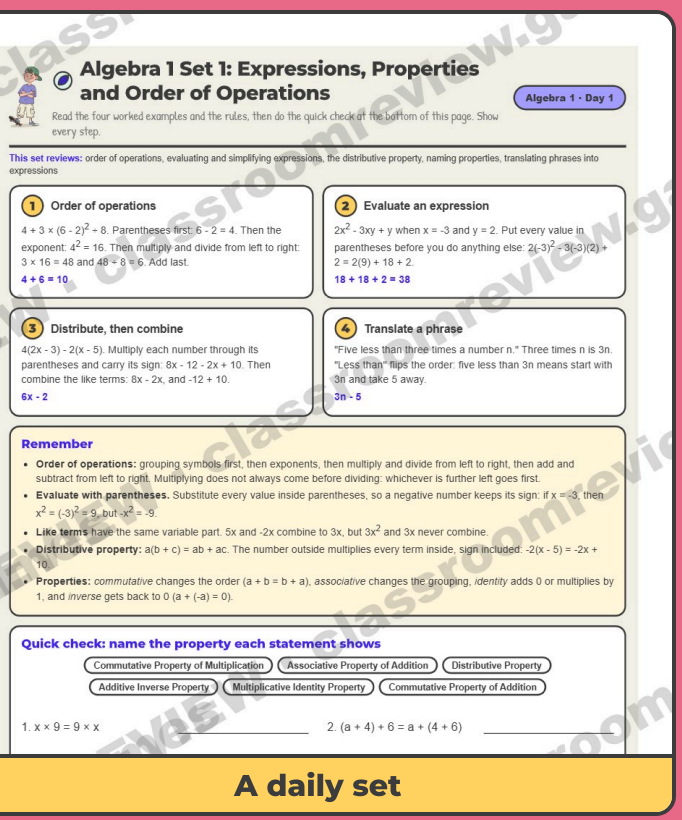
How this week works

- You are covering a teacher who teaches one subject to several classes. Each class comes to this room once a day, for one period.
- So every class gets the same set on the same day: Monday's set in every Monday period, Tuesday's set in every Tuesday period.
- One set per day covers all your classes. Copy that day's set once per student in the morning. Planning, lunch and duty periods: nothing to run.
- Each set fills one period (45 to 55 minutes); the challenge at the end [illegible] 90-minute block.

How to use this plan

- Page numbers point to the first page of each set. Copy one per student.
- The calm block is always allowed: a period that runs short, a loud class, or anyone who finishes early.
- The game is optional: a fun way to end the class, or something for extra time.

Week plan, pre-filled



Algebra 1 Set 1: Expressions, Properties and Order of Operations

Algebra 1 · Day 1

Read the four worked examples and the rules, then do the quick check at the bottom of this page. Show every step.

This set reviews: order of operations, evaluating and simplifying expressions, the distributive property, naming properties, translating phrases into expressions

1 Order of operations

$4 + 3 \times (6 - 2)^2 - 8$. Parentheses first: $6 - 2 = 4$. Then the exponent: $4^2 = 16$. Then multiply and divide from left to right: $3 \times 16 = 48$ and $48 \div 8 = 6$. Add last.

4 + 6 = 10

2 Evaluate an expression

$2x^2 - 3xy + y$ when $x = -3$ and $y = 2$. Put every value in parentheses before you do anything else: $2(-3)^2 - 3(-3)(2) + 2 = 2(9) + 18 + 2$.

18 + 18 + 2 = 38

3 Distribute, then combine

$4(2x - 3) - 2(x - 5)$. Multiply each number through its parentheses and carry its sign: $8x - 12 - 2x + 10$. Then combine the like terms: $8x - 2x$, and $-12 + 10$.

6x - 2

4 Translate a phrase

"Five less than three times a number n." Three times n is 3n. "Less than" flips the order: five less than 3n means start with 3n and take 5 away.

3n - 5

Remember

- **Order of operations:** grouping symbols first, then exponents, then multiply and divide from left to right, then add and subtract from left to right. Multiplying does not always come before dividing: whichever is further left goes first.
- **Evaluate with parentheses.** Substitute every value inside parentheses, so a negative number keeps its sign: if $x = -3$, then $x^2 = (-3)^2 = 9$, but $-x^2 = -9$.
- **Like terms** have the same variable part. $5x$ and $-2x$ combine to $3x$, but $3x^2$ and $3x$ never combine.
- **Distributive property:** $a(b + c) = ab + ac$. The number outside multiplies every term inside, sign included: $-2(x - 5) = -2x + 10$.
- **Properties:** *commutative* changes the order ($a + b = b + a$), *associative* changes the grouping, *identity* adds 0 or multiplies by 1, and *inverse* gets back to 0 ($a + (-a) = 0$).

Quick check: name the property each statement shows

Commutative Property of Multiplication · Associative Property of Addition · Distributive Property · Additive Inverse Property · Multiplicative Identity Property · Commutative Property of Addition

1. $x \times 9 = 9 \times x$ _____ 2. $(a + 4) + 6 = a + (4 + 6)$ _____

A daily set



Team Task, Day 1: The Ten Day Contract

Team · Day 1

Groups of four. Voice level 2. No calculators and no phones. One sheet per group, one person writes, and no group rank goes down until all four agree.

The challenge

A company needs help for exactly **10 working days** and lets you choose how you are paid. The twelve offers below grow in different ways: flat, adding the same amount, doubling, squaring. **Your job:** rank them from **1 (most money in total)** to **12 (least)**.

Step 1: alone, in three minutes, fill in "My rank" by instinct. **Step 2:** split the offers, three each, work out every ten day total, check each other's, and agree on the group rank. Every rank from 1 to 12 is used once. The sub then reads out the true totals. The rule for the true order has no judgment calls: **total pay over the ten days, most first**.

	OFFER	MY RANK	GROUP RANK	TEN DAY TOTAL	TRUE RANK	DIFFERENCE
A	$100 every day					
B	$1 on day 1, then double the day before, every day					
C	1 cent on day 1, then triple the day before, every day					
D	$5 times the day number squared (day 3 pays $45)					
E	$50 on day 1, then $12 more each day					
F	$18 times the day number (day 3 pays $54)					
G	$250 a day for the first four days, then $10 a day					
H	A $350 bonus on day 1, plus $70 every day					
I	$200 on day 1, then $20 less each day					
J	$2 on day 1, then double the day before, every day					
K	$640 on day 1, then half of the day before, every day					
L	$25 on day 1, then $25 more each day					
	Total difference (lower is better)					

Shortcuts and scoring

- **Changes by the same amount each day:** day 1 + day 10 = day 2 + day 9, so the total is 5 × (first + last).
- **Doubles each day:** the total is 2 × last day − first day.

Difference = group rank minus true rank, sign dropped, added over the twelve rows. Score your "My rank" column the same way.

- **0 to 6:** excellent: your group adds like a payroll office
- **7 to 14:** good

Gut versus algebra

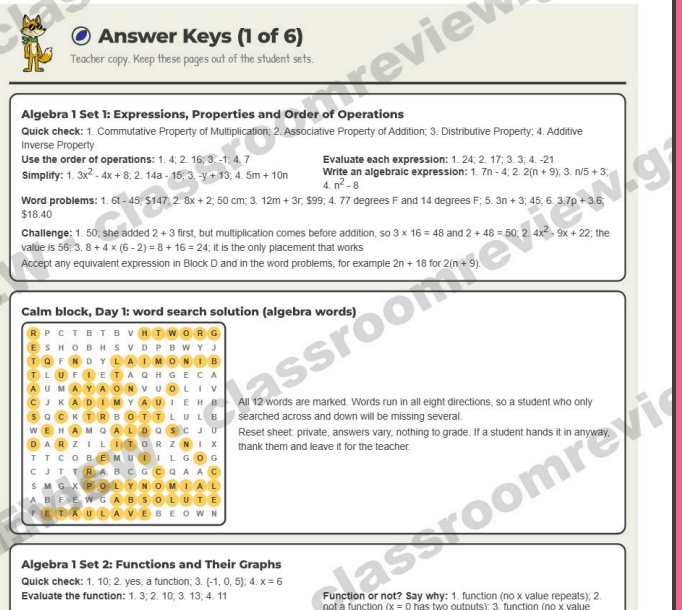
Which offer fooled your instinct the most, and what kind of growth was it?

_____

_____

Challenge: offer C comes last over ten days. Would it still lose if the job ran twenty days? Give a reason without adding.

Solo and team tasks



Answer Keys (1 of 6)

Teacher copy. Keep these pages out of the student sets.

Algebra 1 Set 1: Expressions, Properties and Order of Operations

Quick check: 1. Commutative Property of Multiplication; 2. Associative Property of Addition; 3. Distributive Property; 4. Additive Inverse Property

Use the order of operations: 1. 4; 2. 16; 3. -1; 4. 7

Simplify: 1. $3x^2 - 4x + 8$; 2. $14a - 15$; 3. $-y + 13$; 4. $5m + 10n$

Evaluate each expression: 1. 24; 2. 17; 3. 3; 4. -21

Write an algebraic expression: 1. $7n - 4$; 2. $2(n + 9)$; 3. $n/5 + 3$; 4. $n^2 - 8$

Word problems: 1. 6t - 45; $147; 2. 8x + 2; 50 cm; 3. 12m + 3r; $99; 4. 77 degrees F and 14 degrees F; 5. 3n + 3; 45; 6. 3.7p + 3.6; $18.40

Challenge: 1. 50, she added 2 + 3 first, but multiplication comes before addition, so $3 \times 16 = 48$ and $2 + 48 = 50$; 2. $4x^2 - 9x + 22$; the value is 56; 3. $8 + 4 \times (6 - 2) = 8 + 16 = 24$; it is the only placement that works

Accept any equivalent expression in Block D and in the word problems, for example 2n + 18 for 2(n + 9).

Calm block, Day 1: word search solution (algebra words)

R	P	C	T	B	T	B	V	H	T	W	O	R	G	
E	S	H	O	B	H	S	V	D	P	B	W	Y	J	
T	Q	F	N	D	Y	L	A	I	M	O	N	I	B	
T	L	U	F	I	E	T	A	Q	H	G	E	C	A	
A	U	M	A	Y	A	O	N	V	U	O	L	I	V	
C	J	K	A	D	I	M	Y	A	U	I	E	H	B	
S	Q	C	K	T	R	B	O	T	T	L	U	L	B	
W	E	H	A	M	Q	A	L	D	Q	S	C	J	U	
D	A	R	Z	I	L	I	T	O	R	Z	N	I	X	
T	T	C	O	B	E	M	U	I	I	L	G	O	G	
C	J	T	T	R	A	B	C	G	C	Q	A	A	C	
S	M	G	X	P	Q	L	Y	N	O	M	I	A	L	
A	B	F	E	W	G	A	B	S	O	L	U	T	E	
F	E	T	A	U	L	A	V	E	B	E	O	W	N	

All 12 words are marked. Words run in all eight directions, so a student who only searched across and down will be missing several.

Reset sheet: private, answers vary, nothing to grade. If a student hands it in anyway, thank them and leave it for the teacher.

Algebra 1 Set 2: Functions and Their Graphs

Quick check: 1. 10; 2. yes, a function; 3. {-1, 0, 5}; 4. x = 6

Evaluate the function: 1. 3; 2. 10; 3. 13; 4. 11

Function or not? Say why: 1. function (no x value repeats); 2. not a function (x = 0 has two outputs); 3. function (no x value repeats); 4. not a function (x = 5 has two outputs)

Give the domain D and range R: 1. D = {-2, 0, 3, 4}, R = {-6, 1, 5}; 2. D = {-5, -1, 6}, R = {2, 9}; 3. D = {-4, 1, 2, 7}, R = {-3, 0, 4, 8}; 4. D = {-1, 0, 1, 2}, R = {0, 1, 4}

Write the rule f(x) for each table: 1. f(x) = 5x - 2; 2. f(x) = -2x + 11; 3. f(x) = (1/2)x + 1; 4. f(x) = -3x + 4

Read the graph: 1. d(2) = 8: after 2 hours Sam is 8 miles from home; 2. domain 0 <= t <= 10, range 0 <= d <= 12; 3. t = 2 to 3 and t = 5 to 6, the graph is flat there; 4. -4 miles per hour, negative because he is riding back toward home; 5. t = 1 and t = 8; 6. 24 miles (12 out and 12 back)

Challenge: 1. f(2) = g(2) = 5; x = 5; 2. h(1) = 48, h(2) = 64, h(4) = 0; the ball is back on the ground at 4 seconds; or the

Answer keys



This Week's Plan

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First 15 minutes: attendance, voice level, then	**Meet Your Sub** p. 10 · 15 min	**Go over yesterday's answers** Read them out from the key at the back; students mark their own (10 min)	**Go over yesterday's answers** Read them out from the key at the back; students mark their own (10 min)	**Go over yesterday's answers** Read them out from the key at the back; students mark their own (10 min)	**Go over yesterday's answers** Read them out from the key at the back; students mark their own (10 min)
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How this week works

- You are covering a teacher who teaches one subject to several classes. Each class comes to this room once a day, for one period.
- So every class gets the same set on the same day: Monday's set in every Monday period, Tuesday's set in every Tuesday period.
- One set per day covers all your classes. Copy that day's set once per student in the morning. Planning, lunch and duty periods: nothing to run.
- Each set fills one period (45 to 55 minutes); the challenge at the end stretches it to a 90-minute block.

How to use this plan

- Page numbers point to the first page of each set. Copy one per student.
- The calm block is always allowed: a period that runs short, a loud class, or anyone who finishes early.
- The game is optional: a fun way to end the class, or something for extra time.

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Note to the Substitute

Grades 9 to 12 · five days · every set runs from the printout alone

Thank you for covering my classes this week

Everything you need is in this binder. The front pages (important information, weekly schedule, class list) are filled in for this week. After them come the work sets, one per day: **Algebra 1 1** is Monday's set, **Algebra 1 2** is Tuesday's, and so on to **Algebra 1 5** on Friday. Run the day's set in every period you teach that day. Each set is one period (45 to 55 minutes), stands alone, and has its own answer key at the back of the binder, so you never have to make anything up or know the subject. The first page of every set tells you what to say. Every set ends with a challenge, so it stretches to a 90-minute block when you need it.

After the subject sets come the shared blocks, one of each per day. The **calm block** is always allowed: for a period that runs short, a loud class, or anyone who finishes early. The **team task** fills a period on its own. The **game** is optional: a fun way to end the class, or something for extra time. Fifteen minutes, from the script.

Each day has

- One Algebra 1 set (one period, with a challenge to stretch it)
- A calm and quiet block: a puzzle page and a reset sheet
- A team task for groups of four
- A paper game from the script

If the class is loud

- Set a voice level with a number, 0 to 3, and use it all week (the Day 1 opener explains it).
- Switch to the calm block. Nobody needs to move.
- Every set has a challenge at the end, so fast finishers always have something.
- If a set is not working, stop it and use the calm block or the team task. Every set starts cold.

At the end of each day

Please fill in that day's line on the "How it went" page. It takes two minutes and I read every word.

Did this kit work well for your class? A quick review helps other teachers find it and earns you TpT credits. Thank you!

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Algebra 1 Set 1: Expressions, Properties and Order of Operations

Algebra 1 · Day 1

Read the four worked examples and the rules, then do the quick check at the bottom of this page. Show every step.

This set reviews: order of operations, evaluating and simplifying expressions, the distributive property, naming properties, translating phrases into expressions

1 Order of operations

$4 + 3 \times (6 - 2)^2 \div 8$. Parentheses first: $6 - 2 = 4$. Then the exponent: $4^2 = 16$. Then multiply and divide from left to right: $3 \times 16 = 48$ and $48 \div 8 = 6$. Add last.

$4 + 6 = 10$

2 Evaluate an expression

$2x^2 - 3xy + y$ when $x = -3$ and $y = 2$. Put every value in parentheses before you do anything else: $2(-3)^2 - 3(-3)(2) + 2 = 2(9) + 18 + 2$.

$18 + 18 + 2 = 38$

3 Distribute, then combine

$4(2x - 3) - 2(x - 5)$. Multiply each number through its parentheses and carry its sign: $8x - 12 - 2x + 10$. Then combine the like terms: $8x - 2x$, and $-12 + 10$.

$6x - 2$

4 Translate a phrase

"Five less than three times a number n." Three times n is $3n$. "Less than" flips the order: five less than $3n$ means start with $3n$ and take 5 away.

$3n - 5$

Remember

- **Order of operations:** grouping symbols first, then exponents, then multiply and divide from left to right, then add and subtract from left to right. Multiplying does not always come before dividing: whichever is further left goes first.
- **Evaluate with parentheses.** Substitute every value inside parentheses, so a negative number keeps its sign: if $x = -3$, then $x^2 = (-3)^2 = 9$, but $-x^2 = -9$.
- **Like terms** have the same variable part. $5x$ and $-2x$ combine to $3x$, but $3x^2$ and $3x$ never combine.
- **Distributive property:** $a(b + c) = ab + ac$. The number outside multiplies every term inside, sign included: $-2(x - 5) = -2x + 10$.
- **Properties:** *commutative* changes the order ($a + b = b + a$), *associative* changes the grouping, *identity* adds 0 or multiplies by 1, and *inverse* gets back to 0 ($a + (-a) = 0$).

Quick check: name the property each statement shows

Commutative Property of Multiplication | Associative Property of Addition | Distributive Property | Additive Inverse Property | Multiplicative Identity Property | Commutative Property of Addition

1. $x \times 9 = 9 \times x$ _____

2. $(a + 4) + 6 = a + (4 + 6)$ _____

3. $5(x + 3) = 5x + 15$ _____

4. $12 + (-12) = 0$ _____

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Team Task, Day 1: The Ten Day Contract

Groups of four. Voice level 2. No calculators and no phones. One sheet per group, one person writes, and no group rank goes down until all four agree.

Team · Day 1

The challenge

A company needs help for exactly **10 working days** and lets you choose how you are paid. The twelve offers below grow in different ways: flat, adding the same amount, doubling, squaring. **Your job:** rank them from **1 (most money in total)** to **12 (least)**.

Step 1: alone, in three minutes, fill in "My rank" by instinct. **Step 2:** split the offers, three each, work out every ten day total, check each other's, and agree on the group rank. Every rank from 1 to 12 is used once. The sub then reads out the true totals. The rule for the true order has no judgment calls: **total pay over the ten days, most first**.

	OFFER	MY RANK	GROUP RANK	TEN DAY TOTAL	TRUE RANK	DIFFERENCE
A	**$100 every day**					
B	**$1 on day 1, then double the day before, every day**					
C	**1 cent on day 1, then triple the day before, every day**					
D	**$5 times the day number squared (day 3 pays $45)**					
E	**$50 on day 1, then $12 more each day**					
F	**$18 times the day number (day 3 pays $54)**					
G	**$250 a day for the first four days, then $10 a day**					
H	**A $350 bonus on day 1, plus $70 every day**					
I	**$200 on day 1, then $20 less each day**					
J	**$2 on day 1, then double the day before, every day**					
K	**$640 on day 1, then half of the day before, every day**					
L	**$25 on day 1, then $25 more each day**					
Total difference (lower is better)						

Shortcuts and scoring

- **Changes by the same amount each day:** day 1 + day 10 = day 2 + day 9, so the total is 5 × (first + last).
- **Doubles each day:** the total is 2 × last day − first day.

Difference = group rank minus true rank, sign dropped, added over the twelve rows. Score your "My rank" column the same way.

- **0 to 6:** excellent: your group adds like a payroll office
- **7 to 14:** good
- **15 to 24:** fair
- **25 or more:** redo the totals together

Gut versus algebra

Which offer fooled your instinct the most, and what kind of growth was it?

Challenge: offer C comes last over ten days. Would it still lose if the job ran twenty days? Give a reason without adding.

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Game, Day 1: Whiteboard Quiz Game

Sub script and questions. 15 minutes at the end of the period, or for extra time. Optional.

Game · Day 1

Set up (2 minutes)

1. Draw a 5 by 5 grid on the board, or tape up the board sheet. Write the five category names across the top and the values 100 to 500 down each column.
2. Teams of four to six. Team 1 picks a category and a value.
3. Read the question. The team gets 15 seconds and one answer. Right: they take the points and pick again. Wrong: the next team may steal, then play moves on.
4. Cross the square off. Highest total when time is up wins.

Read this out

"One voice per team: pick a captain who says the final answer. Shouted answers do not count and the square is dead. Team 1, choose a category and a value."

Keep the running score in a corner of the board. If a team argues a call, the script wins and the game moves on. The bold answer is the one to accept, but take a clear equivalent too (negative 1 for -1, 40% for 40 percent).

Expressions

100 What is the value of 3 + 4 times 5?
23

200 What is 2a + b when a = 6 and b = 5?
17

300 What is the coefficient of x in 3(2x + 5) + 4x?
10

400 What is (8 minus 2) squared, divided by 4?
9

500 What is 5 times the square of x when x = negative 2?
20

Sequences

100 What is the next term of 5, 9, 13, 17?
21

200 What is the common ratio of 3, 6, 12, 24?
2

300 What is the 10th term of 2, 5, 8, 11?
29

400 A value of 200 grows 10 percent a year. What is it after 2 years?
242

500 What is the 6th term of 1, 3, 9, 27?
243

Functions

100 If h(x) = 3x minus 5, what is h(4)?
7

200 If f(x) = x squared + 1, what is f(5)?
26

300 For f(x) = 4x + 2, which x makes f(x) = 30?
7

400 If f(x) = 5x on the domain 1, 2, 3, what is the largest value in the range?
15

500 What is the average rate of change of x squared from x = 1 to x = 5?
6

Statistics

100 What is the mean of 6, 9, 12 and 17?
11

200 What is the median of 10, 4, 8, 2, 6 and 12?
7

300 What is the range of 31, 18, 44, 25 and 29?
26

400 A line of best fit is y = 2x + 5. What does it predict at x = 10?
25

500 In a class, 12 of 30 students ride the bus. What percent is that?
40 percent

Quadratics

100 What is the positive solution of x squared = 49?
7

200 What are the zeros of (x minus 4)(x + 1)?
4 and negative 1

300 What is the minimum value of y = (x minus 2) squared + 3?
3

400 What is the discriminant of x squared + 4x + 1?
12

500 Factor x squared + 7x + 12. What is the larger constant in the factors?
4

Final Wager: Exponential Growth

Play this when the board is clear, or when two minutes are left. Announce the category, then every team writes a secret wager of up to the points it already has. Read the question. Teams get 60 seconds of silent writing, then hold their answers up together.

A colony of 500 bacteria doubles every hour. How many bacteria are there after 4 hours?
8000 bacteria

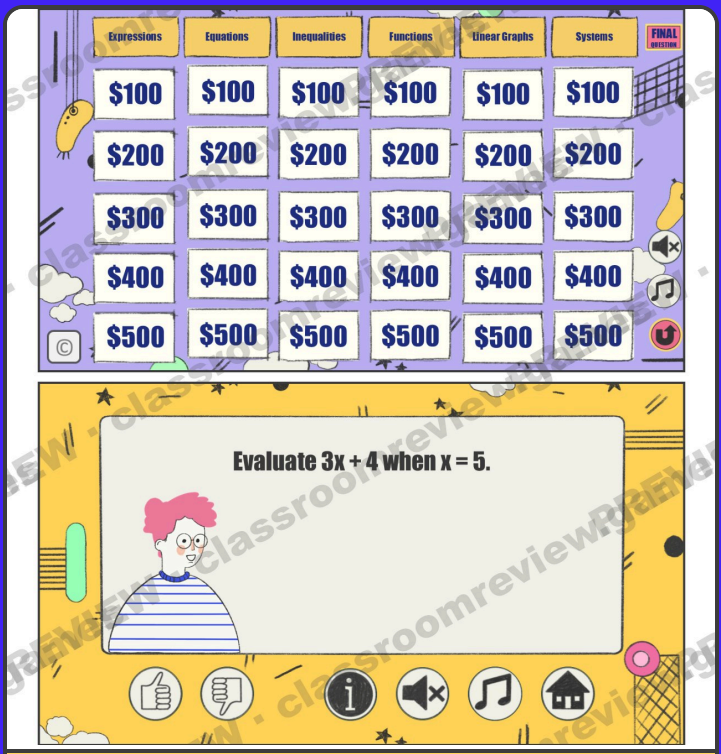
Right: add the wager. Wrong: subtract it. That is the final score.

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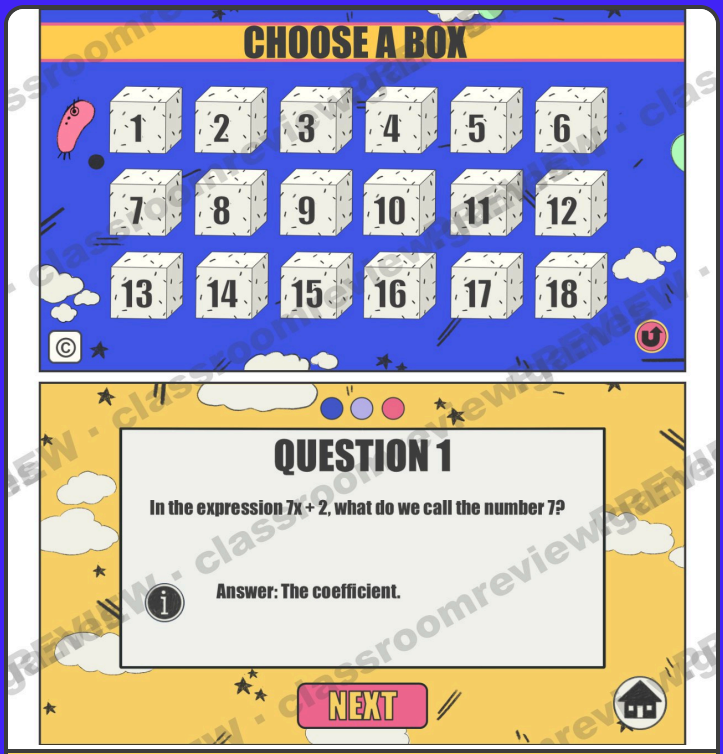
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KIT 2 OF 2 Algebra 1 · 125 slides + 23 printable pages · Google Slides and PowerPoint

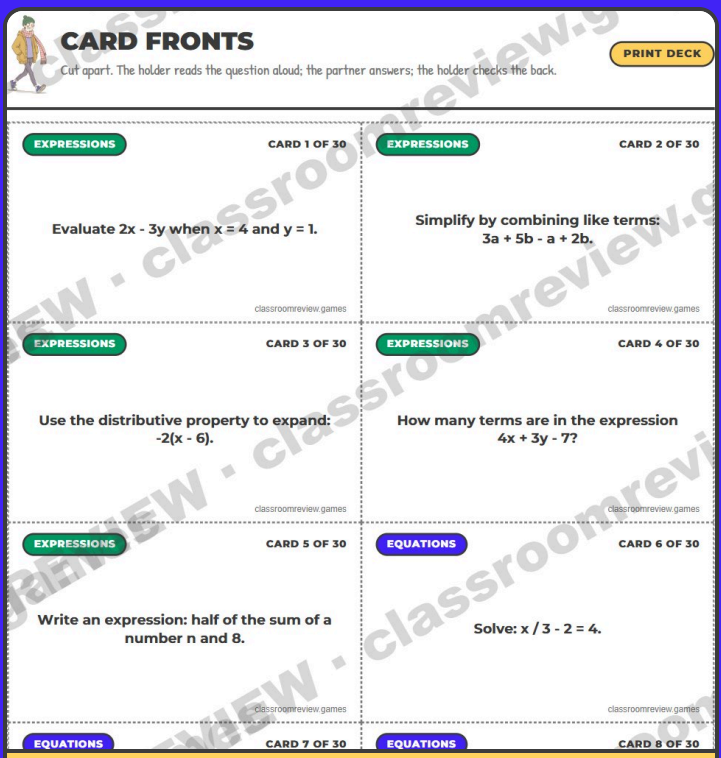
Exam Review Kit



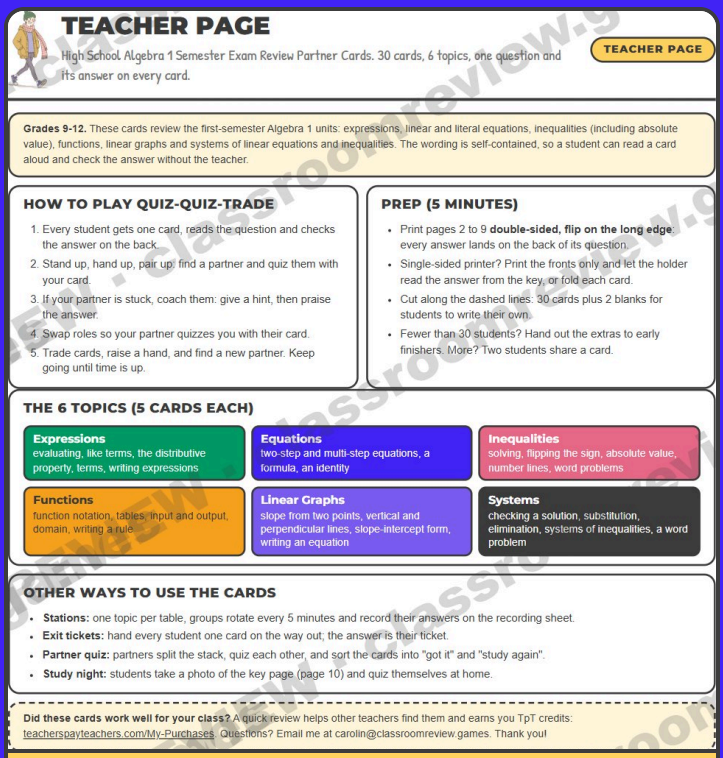
Quiz Game Show: board and question



Mystery Box: board and question



30 partner cards



Partner cards teacher page

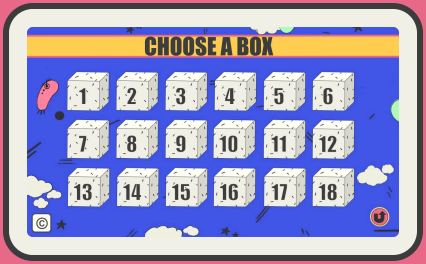
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ALGEBRA 1
SEMESTER EXAM REVIEW KIT

GRADES 9 • 10 • 11 • 12 | **3 REVIEW GAMES** | **PREVIEW**



1. QUIZ GAME SHOW



2. MYSTERY BOX



3. PARTNER CARDS

WHAT IS INSIDE

- **1. Quiz Game Show** (Google Slides, also opens in PowerPoint): 6 categories (Expressions; Equations; Inequalities; Functions; Linear Graphs; Systems), 30 questions from $100 to $500 with answer slides, a Daily Double and a Final Question. Printable team score sheet, teacher key and 30 question cards with backs.
- **2. Mystery Box:** 18 quick-answer questions, each behind a box worth +500 to -500 points. Answer, then keep the box or give it to another team. Printable score sheet and teacher key.
- **3. Partner Cards:** 30 double-sided Quiz-Quiz-Trade cards in 6 topics (Expressions; Equations; Inequalities; Functions; Linear Graphs; Systems), with a teacher page, an answer key and a student recording sheet.
- **Both slide games are fully editable.** Printables in color and ink-saver B&W, US Letter and A4.

WHAT IT REVIEWS: THE FIRST SEMESTER

Expressions, Equations, Inequalities, Functions, Linear graphs, Systems: order of operations and like terms, multi-step, literal and absolute value equations, compound and absolute value inequalities, function notation, domain and range, slope, intercepts and writing the equation of a line, and systems of equations and inequalities. Standard first-semester Algebra 1, written for a December exam or a midterm.

This preview shows: one whole quiz turn (board, question, answer) with the Daily Double and Final Question, a Mystery Box turn from the board to the opened box, the partner cards front and back with the teacher page and recording sheet, and the printables.

GAME 1 OF 3

QUIZ GAME SHOW: ONE WHOLE TURN

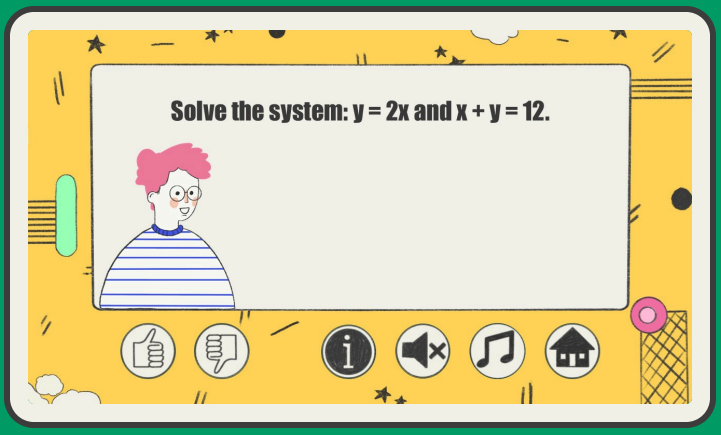
Click a dollar value. Answer. Check with one click.



STEP 1

Pick a category

A team chooses a category and a dollar value on the board.



STEP 2

Read the question

Systems for $200: "Solve the system: y = 2x and x + y = 12."

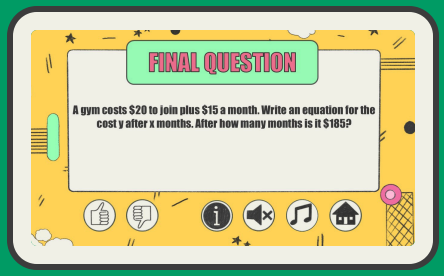


STEP 3

Reveal the answer

One click shows (4, 8). The house button goes back to the board, and the cell is marked as played.





One cell hides the **Daily Double**: the team names a wager first; right adds it, wrong subtracts it. After the board, every team wagers on the **Final Question**.

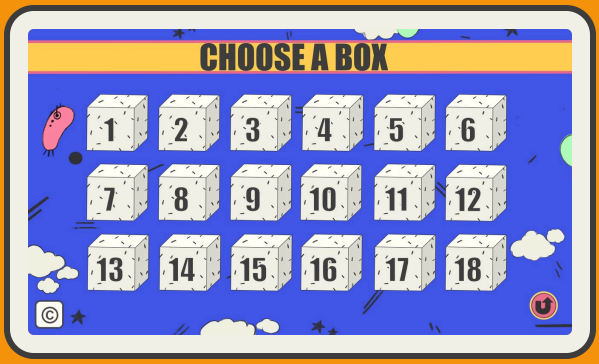
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30 questions in 6 categories, every one editable

GAME 2 OF 3

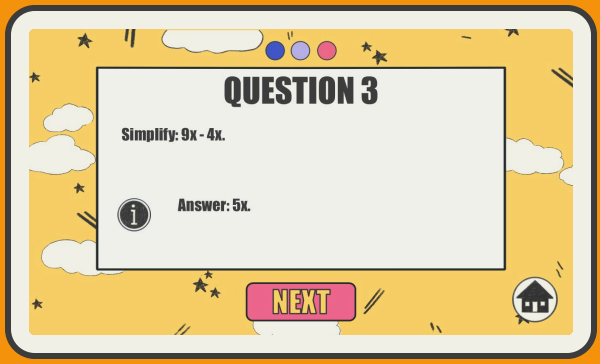
MYSTERY BOX

18 quick-answer questions. Answer, then keep the box or give it away.



1. Choose a box

18 boxes on the board. A team picks one; the deck jumps to its question.



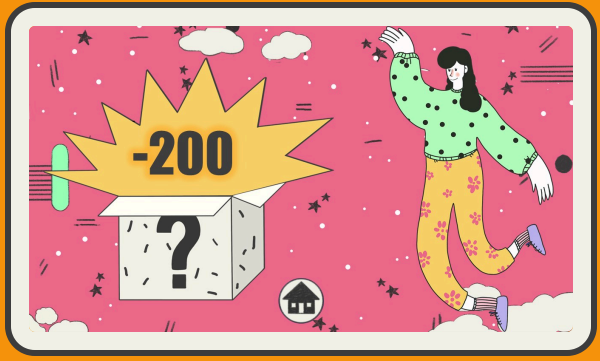
2. Answer

"Simplify: 9x - 4x." One click checks it: 5x.



3. Keep or give?

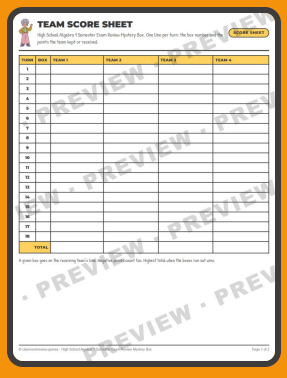
Right answer? The team decides: keep the box, or hand it to another team. Nobody knows what is inside yet.



4. Open the box

This one hides -200 points. Box 4 hides +500. Values run from +500 to -500, so every choice is a gamble.





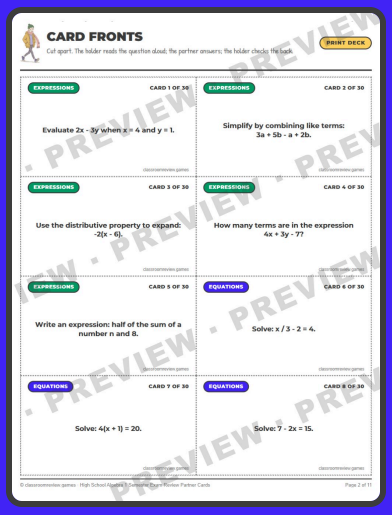
Printable team score sheet (one line per box: who answered, who ended up with it, the points) and a teacher key listing every box value and every answer.

Every question, answer and box value is editable. A warm-up, a last-period review, or a sub-day game: about 20 to 30 minutes.

GAME 3 OF 3

PARTNER CARDS

30 double-sided Quiz-Quiz-Trade cards in 6 topics, printed and cut apart.



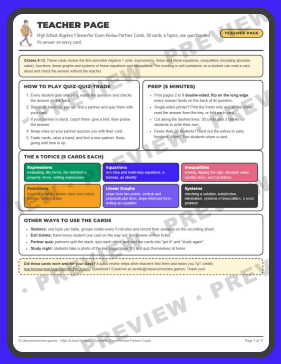
Card fronts: the question



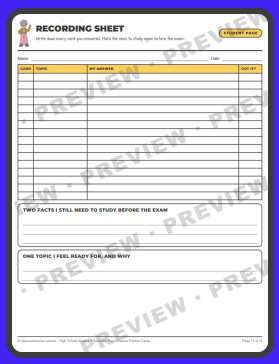
Card backs: the answer, mirrored to print on the back

HOW TO PLAY

1. Every student gets one card, reads the question and checks the answer on the back.
2. Stand up, hand up, pair up: find a partner and quiz them with your card.
3. If your partner is stuck, coach them: give a hint, then praise the answer.
4. Swap roles so your partner quizzes you with their card.
5. Trade cards, raise a hand, and find a new partner. Keep going until time is up.



Teacher page



Recording sheet



Answer key (full kit)

ALSO WORKS AS

- Stations: one topic per table, groups rotate and record answers.
- Exit tickets: one card per student on the way out.
- Partner quiz: sort the stack into "got it" and "study again".
- Study night: students photograph the key and quiz themselves.

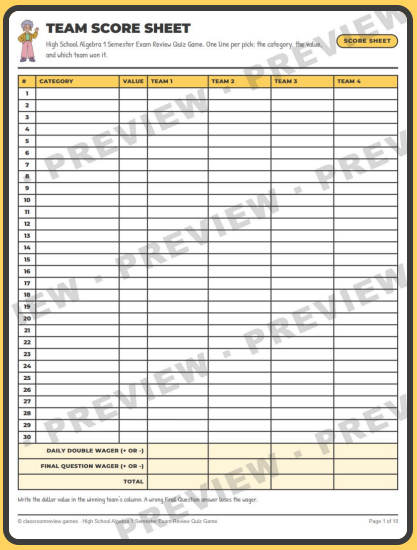
Topics: Expressions, Equations, Inequalities, Functions, Linear Graphs, Systems. Two blank cards are included for your own questions.

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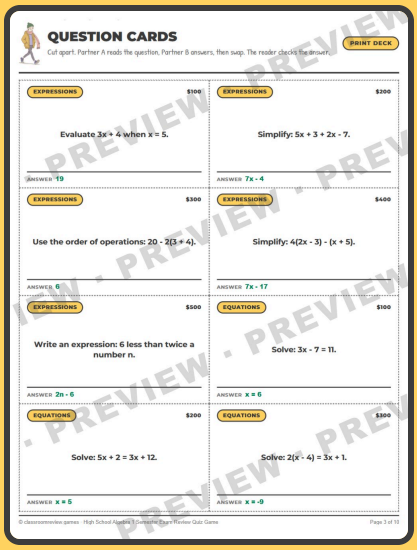
30 cards, 6 topics, teacher page, answer key, recording sheet

PRINTABLES

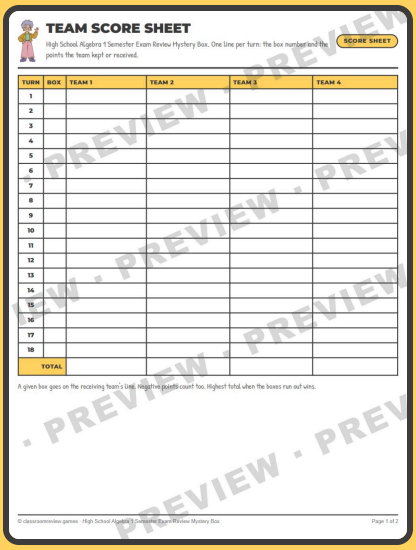
23 pages across the three activities, in color and ink-saver B&W, US Letter and A4.



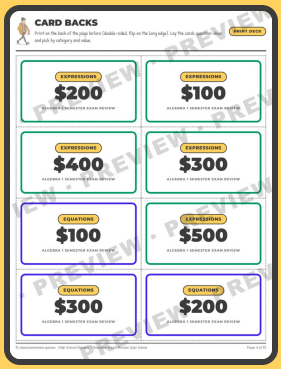
Quiz team score sheet



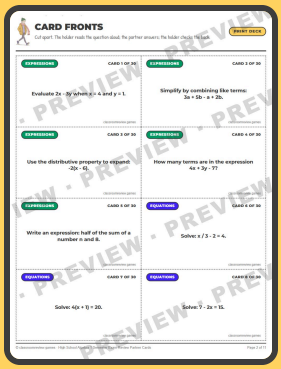
Quiz question cards



Mystery Box score sheet

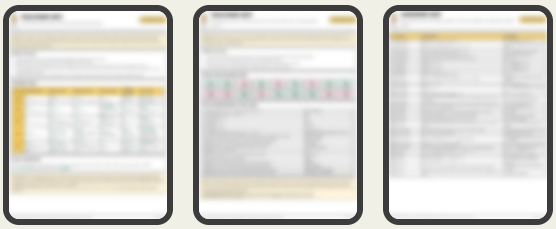


Quiz card backs

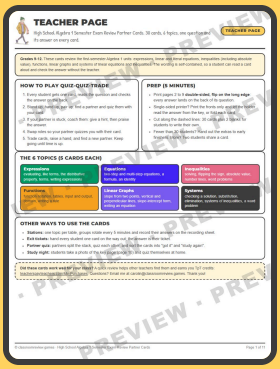


Partner cards

THREE TEACHER KEYS



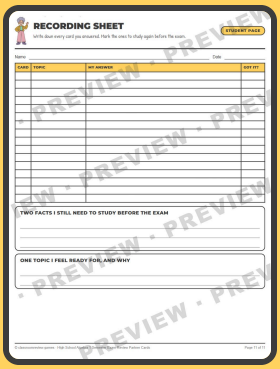
Every answer with its working step or other accepted forms, the Final Question, every box value, and all 30 card answers by topic. Included in the full kit.



Partner Cards teacher page



Partner card backs



Recording sheet

Print only what you need. One PDF per activity in color, one in ink-saver B&W, each in US Letter and A4. The quiz cards and the partner cards have backs for double-sided printing.

In the full bundle

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Each product downloads separately with everything its own listing includes. Nothing is left out of the bundle version.

Thank you! If this works for your class, a quick review helps other teachers find it, and earns you TpT credits.

