

ESCAPE FROM PARADISE

2 STEP EQUATIONS



ESCAPE ROOM

MATH REVIEW



WHAT IS AN ESCAPE GAME?

A Google Sites escape room is like a digital adventure that you can do on the internet. It's kind of like a game where you solve puzzles and riddles, but all the action happens on a special website made by Google. Instead of using locks and keys in real life, you use your brain and clicks to unlock new parts of the adventure. It's a cool way to have fun and challenge yourself online!

HOW TO PLAY THE GAME...

It's the first day of school holidays and your family has booked a trip to a tropical island. You are having the best time, but you realise that you have left all of your clothes back on the mainland.

You need to find the code to call the tourist company to send the boat back to fetch you or bring supplies.

Click around the beach and search for clues to help you find the final code.

Good luck on your mission.

A Google Sites escape room is like a digital adventure that you can do on the internet. It's kind of like a game where you solve puzzles and riddles, but all the action happens on a special website made by Google.

ESCAPE GAME MATH REVIEW

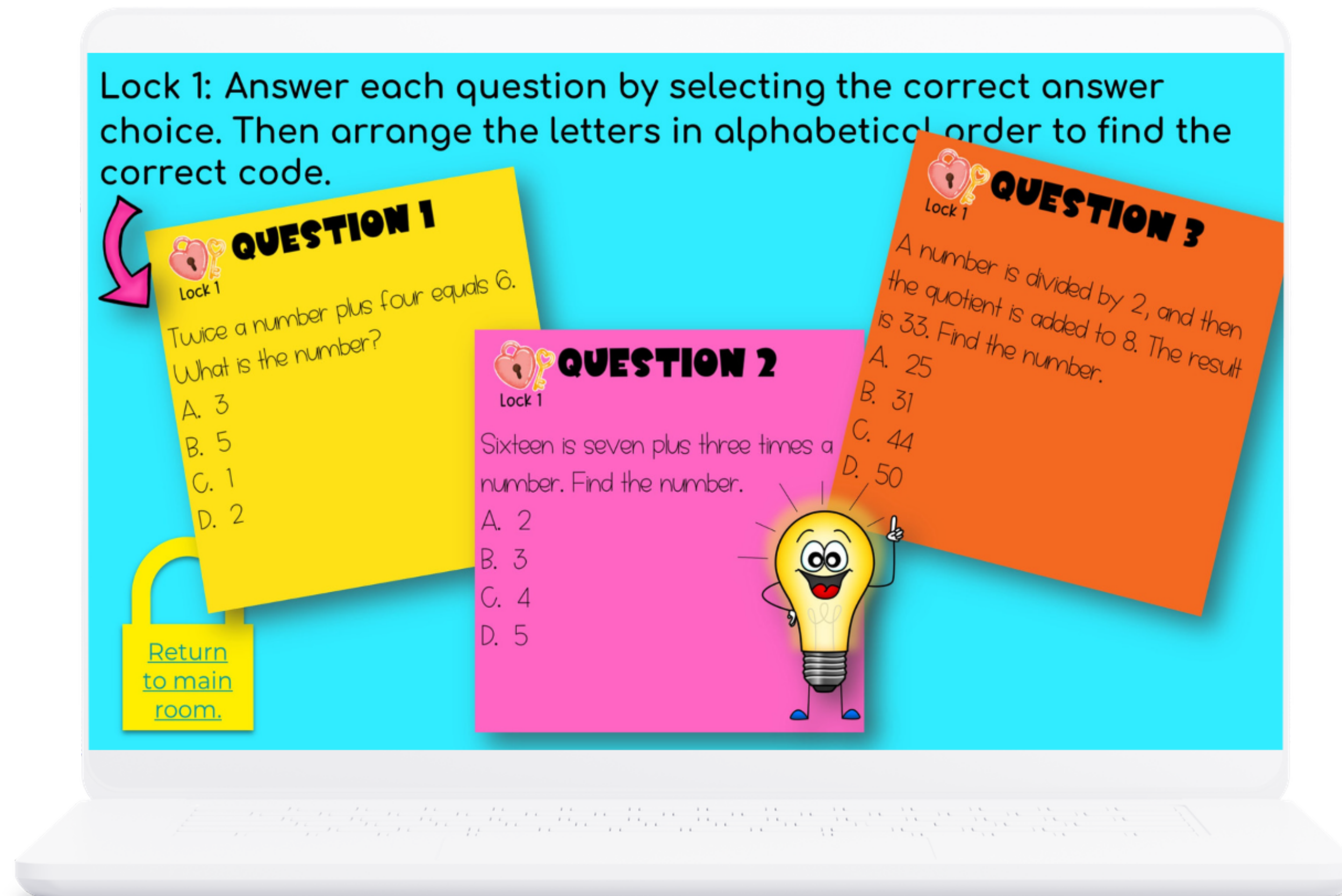


ESCAPE FROM PARADISE

2 STEP EQUATIONS



Instead of using locks and keys in real life, you use your brain and clicks to unlock new parts of the adventure. It's a cool way to have fun and challenge yourself online!



Click to explore the room for clues that will help you find the correct codes to unlock the room. Each clue will bring you one step closer to unlocking the door and heading home.

Lock 2: Answer each question by selecting T for TRUE or F for FALSE. Then, enter your code in number order. (Sample Code: TTTT)

1) $145 \times 2 = 290$

TRUE
FALSE

2) $60 \times 30 = 1500$

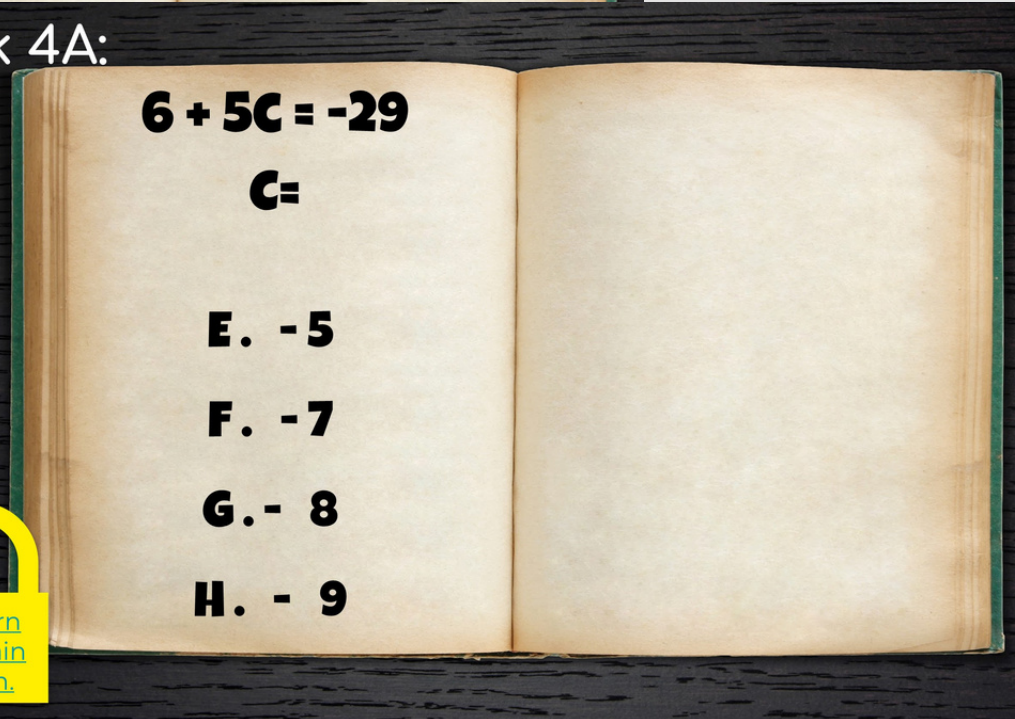
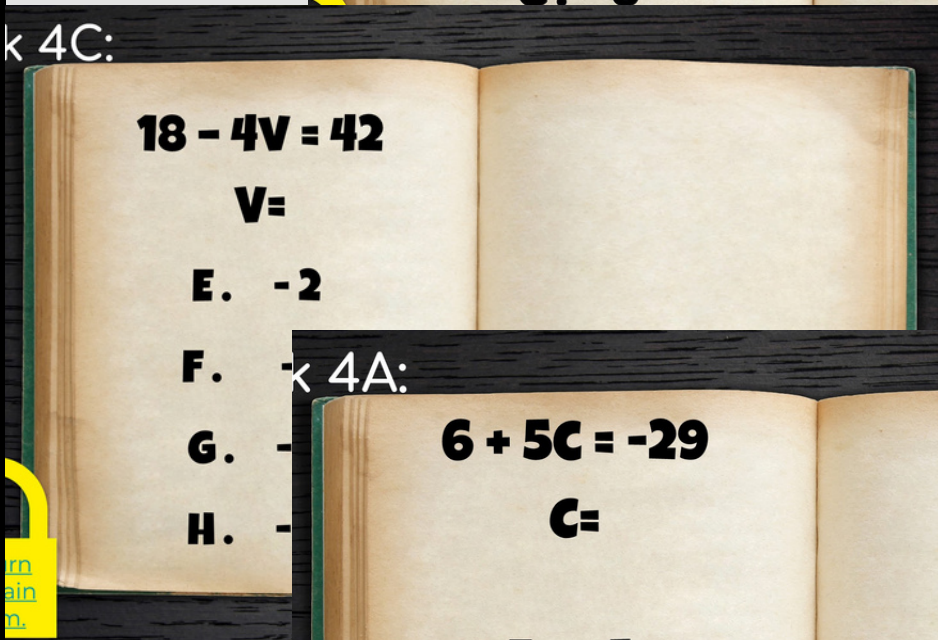
TRUE
FALSE

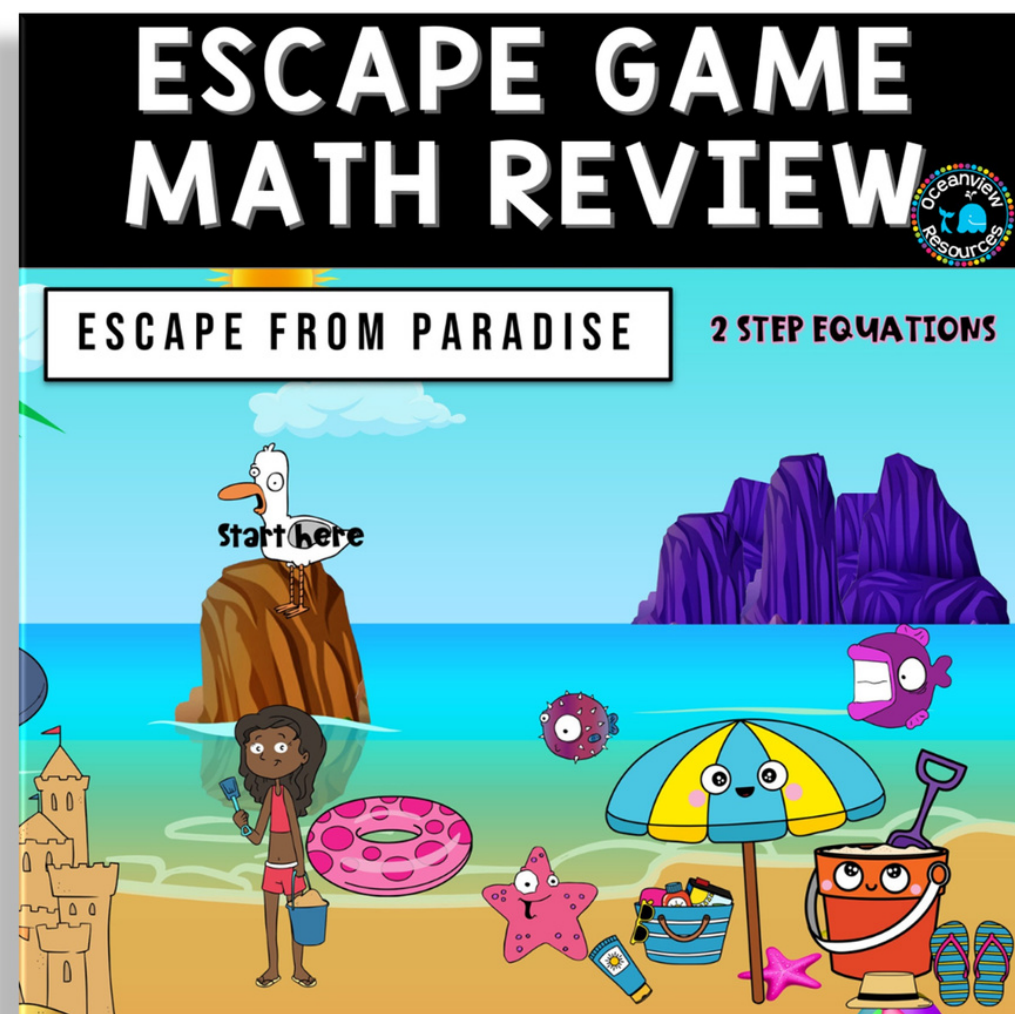
3) $150 \times 12 = 2800$

TRUE
FALSE

4) $30 \times 80 = 2400$

TRUE
FALSE





QUESTION SHEET
ANSWER SHEET
TASK CARDS

QUESTION 4 Lock 2 $30 \times 80 =$	QUESTION A Lock 3 $5x + 3 = 23$ $x =$
QUESTION B Lock 3 $4 = 3a - 14$ $a =$	QUESTION C Lock 3 $2y + 5 = 19$ $y =$
QUESTION C Lock 4A $6 + 5c = -29$ $c =$	QUESTION C Lock 4B $8 - 5w = -37$ $w =$

©Oceanview resources

WORKSHEETS AND
TASK CARDS
INCLUDED

Lock 1: Answer each question by selecting the correct answer choice. Then arrange the letters in alphabetical order to find the correct code.

QUESTION 1
Lock 1
Twice a number plus four equals 6.
What is the number?
A. 3
B. 5
C. 1
D. 2

QUESTION 2
Lock 1
Sixteen is seven plus three times a number. Find the number.
A. 2
B. 3
C. 4
D. 5

QUESTION 3
Lock 1
A number is divided by 2, and then the quotient is added to 8. The result is 33. Find the number.
A. 25
B. 31
C. 44
D. 50

[Return to main room.](#)

Lock 2: Answer each question by selecting T for TRUE or F for FALSE. Then, enter your code in number order. (Sample Code: TTTT)

1) $145 \times 2 = 290$ TRUE FALSE	2) $60 \times 30 = 1500$ TRUE FALSE
3) $150 \times 12 = 2800$ TRUE FALSE	4) $30 \times 80 = 2400$ TRUE FALSE

[Return to main room.](#)

Name:_____

ANSWERS:

1. $2x = 6 - 4$ $2x = 2$ $x = 2 / 2$ $x = 1$ So, the number you're looking for is 1.	2. $16 - 7 = 3x$ $9 = 3x$ $x = 9 / 3$ $x = 3$ So, the number you're looking for is 3.
3. $(x / 2) + 8 = 33$ $(x / 2) = 33 - 8$ $x / 2 = 25$ $x = 25 * 2$ $x = 50$ So, the number you're looking for is 50.	4. 145 multiplied by 2 equals 290.
5. 60 multiplied by 30 equals 1800.	6. 150 multiplied by 12 equals 1800.
7. 30 multiplied by 80 equals 2400.	8. $5x = 23 - 3$ $5x = 20$ Divide both sides by 5: $x = 20 / 5$ $x = 4$ So, the value of 'x' is 4.
9. $4 + 14 = 3a$ $18 = 3a$ Divide both sides by 3: $a = 18 / 3$ $a = 6$ So, the value of 'a' is 6.	10. $2y = 19 - 5$ $2y = 14$ Divide both sides by 2: $y = 14 / 2$ $y = 7$ So, the value of 'y' is 7.
11. $6 + 5c = -29$ $5c = -29 - 6$ $5c = -35$ $c = -35 / 5$ $c = -7$ So, the value of 'c' is -7.	12. $8 - 5w = -37$ $-5w = -37 - 8$ $-5w = -45$ $w = -45 / -5$ $w = 9$ So, the value of 'w' is 9.

ESCAPE FROM PARADISE BEACH-
MULTI STEP EQUATIONS- ANSWER SHEET

LOCK #1		
QUESTION 1: Twice a number plus four equals 6. What is the number?	QUESTION 2: Sixteen is seven plus three times a number. Find the number.	QUESTION 3: A number is divided by 2, and then the quotient is added to 8. The result is 33. Find the number.
CODE: CDD		

LOCK #2		
A. 145 x 2 =	B. 60 x 30 =	C. 150 X 12 =
D. 30 X 80 =	CODE: TFFT	

WORKSHEETS AND
TASK CARDS
INCLUDED

TEACHER DIRECTIONS AND
IDEAS

These cards could also be used as a write the room activity should the internet not be available.

I have included images of the codes so that the activity could still be used in the classroom.

Use the working sheet to write and work out your answers.

Answer sheets are included below.

Name:_____

Directions: Write your answers in the boxes below

1.	2.
3.	4.
5.	6.
7.	8.
9.	10.
11.	12.

ESCAPE FROM PARADISE BEACH-
MULTI STEP EQUATIONS- RECORDING SHEET

LOCK #1		
QUESTION 1: Twice a number plus four equals 6. What is the number?	QUESTION 2: Sixteen is seven plus three times a number. Find the number.	QUESTION 3: A number is divided by 2, and then the quotient is added to 8. The result is 33. Find the number.
CODE: 		

LOCK #2		
A. 145 x 2 =	B. 60 x 30 =	C. 150 X 12 =
D. 30 X 80 =	CODE: 	

WORKSHEETS AND
TASK CARDS
INCLUDED

LOCK #3		
A. $5x + 3 = 23$ x =	B. $4 = 3a - 14$ a =	C. $2y + 5 = 19$ y =
CODE: 		

LOCK #4		
A. $6 + 5c = -29$ c =	B. $8 - 5w = -37$ w =	C. $18 - 4v = 42$ v =
CODE: 		

COMPLETION CODE

