



The Sabotaged Innovation Awards

Grade 5 math · Addition, Subtraction, Fractions of a number, Multiplication · Reading level grades 5-6

Detective: _____ Date: _____

The Roblox Innovation Awards are about to start, but someone has stolen the Golden Bloxy trophies right before the ceremony! Builderman needs your help to find the sneaky developer who sabotaged the main stage.

1. Solve each math problem. The answer is a number, and the letter beside it is what that number stands for.
2. In the clue boxes, write that letter in every box showing the same number, then read the secret clue.
3. Use each clue to cross suspects off the list. The one suspect left at the end is the culprit!

My answer: the The Glitcher is _____

Possible suspects

Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	DEV TOOL	STOLEN TROPHY	STUDIO THEME	AVATAR HAIR	SYSTEM BUG
LuaWizard	Luau Scripting	Golden Bloxy	Dark Mode UI	Beautiful Hair	Ban Hammer Threat
Badcc	Sound Engineering	Golden Valkyrie	Dark Mode UI	Bacon Hair	Noob Filter Shield
ScriptLord	Luau Scripting	Golden Bloxy	Dark Mode UI	Bacon Hair	Noob Filter Shield
PixelArtisan	Blender Modeling	People Choice Cup	Light Mode UI	Beautiful Hair	Ban Hammer Threat
DenisDaily	UI Designing	People Choice Cup	Light Mode UI	Spiky Blue Hair	Ban Hammer Threat
SoundMixer	Blender Modeling	Golden Bloxy	Light Mode UI	Spiky Blue Hair	Noob Filter Shield
RoboCreator	UI Designing	Builderman Trophy	Light Mode UI	Bacon Hair	Noob Filter Shield
StageDesigner	Sound Engineering	Golden Valkyrie	Light Mode UI	Spiky Blue Hair	Noob Filter Shield
CoderKid	Blender Modeling	Builderman Trophy	Light Mode UI	Spiky Blue Hair	Noob Filter Shield
Linkmon	Luau Scripting	Builderman Trophy	Light Mode UI	Spiky Blue Hair	Noob Filter Shield
Builderman	Sound Engineering	People Choice Cup	Dark Mode UI	Spiky Blue Hair	High Ping Lag
Concept3D	Blender Modeling	Golden Bloxy	Light Mode UI	Spiky Blue Hair	High Ping Lag
Bethink	Sound Engineering	People Choice Cup	Light Mode UI	Spiky Blue Hair	Ban Hammer Threat
NewFissy	Luau Scripting	People Choice Cup	Light Mode UI	Spiky Blue Hair	Noob Filter Shield
ModelMaker	UI Designing	People Choice Cup	Light Mode UI	Bacon Hair	High Ping Lag
Telamon	Luau Scripting	Innovator Award	Dark Mode UI	Spiky Blue Hair	Noob Filter Shield
Asimo	Sound Engineering	People Choice Cup	Light Mode UI	Bacon Hair	Noob Filter Shield
Fissy	Blender Modeling	Golden Bloxy	Light Mode UI	Bacon Hair	Noob Filter Shield
Blox_Dev	Sound Engineering	Golden Valkyrie	Dark Mode UI	Spiky Blue Hair	Ban Hammer Threat
LoryValk	Terrain Painting	Golden Valkyrie	Dark Mode UI	Bacon Hair	Ban Hammer Threat
Polyhex	Sound Engineering	Golden Valkyrie	Light Mode UI	Beautiful Hair	Noob Filter Shield

CLUE 1 Addition

We checked the security gate logbooks to count how many guests entered the VIP lobby.

Solve each problem, then write its letter in every clue box that shows the same number.

4201 4053 4379 8191 6198 3228 8009 4201 4379 8870 3319 7674 6198 8522 5214 8191 4201 4053 4379

2938 8009 7674 6793 4379 9746 3370 6198 7674 5214 5987 3319 5850 4379

$$2612 + 1589 = \boxed{} \rightarrow \boxed{\text{T}}$$

$2439 + 4354 = \boxed{} \rightarrow \boxed{\text{D}}$

$$2878 + 5313 = \boxed{} \rightarrow \boxed{\text{S}}$$

$$1319 + 2051 = \boxed{} \rightarrow \boxed{\mathbf{V}}$$

$2985 + 2229 = \boxed{} \rightarrow \boxed{\text{K}}$

$$3249 + 5273 = \boxed{} \rightarrow \boxed{\text{C}}$$

$$1479 + 1840 = \boxed{} \rightarrow \boxed{\text{R}}$$

$$3853 + 1997 = \boxed{} \rightarrow \boxed{\text{I}}$$

$1507 + 2872 = \boxed{} \rightarrow \boxed{\text{E}}$

$$4911 + 3098 = \boxed{} \rightarrow \boxed{0}$$

$1383 + 1555 = \boxed{} \rightarrow \boxed{\text{G}}$

$$2136 + 3851 = \boxed{} \rightarrow \boxed{\text{Y}}$$

$$2769 + 1284 = \boxed{} \rightarrow \boxed{\text{H}}$$

$6623 + 3123 = \boxed{} \rightarrow \boxed{\text{N}}$

$1270 + 1958 = \boxed{} \rightarrow \boxed{\text{B}}$

$$4814 + 2860 = \boxed{} \rightarrow \boxed{\text{L}}$$

$$3061 + 3137 = \boxed{} \rightarrow \boxed{\mathbf{A}}$$

$$4414 + 4456 = \boxed{} \rightarrow \boxed{\text{U}}$$

Scratch space:

CLUE 2 Subtraction

The stage crew lost several spare award stands during the chaotic glitch attack.

Solve each problem, then write its letter in every clue box that shows the same number.

$6122 - 4080 = \boxed{} \rightarrow \boxed{\text{T}}$

$8643 - 2898 = \boxed{} \rightarrow \boxed{\text{R}}$

$11544 - 3082 = \boxed{} \rightarrow \boxed{\text{E}}$

$$5195 - 2561 = \boxed{} \rightarrow \boxed{\text{C}}$$

$$8357 - 4290 = \boxed{} \rightarrow \boxed{\text{N}}$$

9385 - 2340 = → **M**

$$11733 - 3687 = \boxed{} \rightarrow \boxed{\text{H}}$$

$$10839 - 2548 = \boxed{} \rightarrow \boxed{\text{D}}$$

$$8002 - 3365 = \boxed{} \rightarrow \boxed{\text{L}}$$

$11426 - 4534 = \boxed{} \rightarrow \boxed{\text{S}}$

$$4407 - 1620 = \boxed{} \rightarrow \boxed{\text{W}}$$

$$5738 - 4207 = \boxed{} \rightarrow \boxed{\text{G}}$$

$$5431 - 3857 = \boxed{} \rightarrow \boxed{\text{I}}$$

Scratch space:

CLUE 3
Fractions of a number

A portion of the stolen developer badges was found hidden under the theater seats.

Solve each problem, then write its letter in every clue box that shows the same number.

T											T								
16	33	27	26	25	25	38	40	12	11	16	27	9	13	33	12	27	11	3	

							T			
38	11	25	30	35	27	3	16	33	27	23

$4/10 \text{ of } 40 = \boxed{} \rightarrow \boxed{\text{T}}$

$1/8 \text{ of } 200 = \boxed{} \rightarrow \boxed{\text{O}}$

$5/10 \text{ of } 6 = \boxed{} \rightarrow \boxed{\text{D}}$

$1/4 \text{ of } 44 = \boxed{} \rightarrow \boxed{\text{L}}$

$3/6 \text{ of } 46 = \boxed{} \rightarrow \boxed{\text{M}}$

$4/6 \text{ of } 60 = \boxed{} \rightarrow \boxed{\text{F}}$

$2/10 \text{ of } 65 = \boxed{} \rightarrow \boxed{\text{S}}$

$6/10 \text{ of } 15 = \boxed{} \rightarrow \boxed{\text{R}}$

$6/8 \text{ of } 16 = \boxed{} \rightarrow \boxed{\text{I}}$

$2/3 \text{ of } 39 = \boxed{} \rightarrow \boxed{\text{N}}$

$2/10 \text{ of } 135 = \boxed{} \rightarrow \boxed{\text{E}}$

$2/8 \text{ of } 132 = \boxed{} \rightarrow \boxed{\text{H}}$

$2/4 \text{ of } 70 = \boxed{} \rightarrow \boxed{\text{K}}$

$2/10 \text{ of } 150 = \boxed{} \rightarrow \boxed{\text{C}}$

$2/4 \text{ of } 76 = \boxed{} \rightarrow \boxed{\text{B}}$

Scratch space:

CLUE 4

Multiplication facts (1-12)

The backstage dressing rooms are arranged in equal rows of equipment cases.

Solve each problem, then write its letter in every clue box that shows the same number.

S																S
132	81	77	36	121	7	32	84	49	96	14	77	20	55	14	132	

						S				
32	49	60	72	28	33	132	72	14	3	49

$11 \times 12 = \square \rightarrow \text{S}$

$7 \times 7 = \square \rightarrow \text{E}$

$6 \times 6 = \square \rightarrow \text{K}$

$11 \times 7 = \square \rightarrow \text{I}$

$8 \times 4 = \square \rightarrow \text{L}$

$7 \times 2 = \square \rightarrow \text{A}$

$11 \times 11 = \square \rightarrow \text{Y}$

$1 \times 3 = \square \rightarrow \text{G}$

$5 \times 4 = \square \rightarrow \text{R}$

$7 \times 1 = \square \rightarrow \text{B}$

$9 \times 9 = \square \rightarrow \text{P}$

$12 \times 8 = \square \rightarrow \text{H}$

$10 \times 6 = \square \rightarrow \text{F}$

$5 \times 11 = \square \rightarrow \text{W}$

$8 \times 9 = \square \rightarrow \text{T}$

$12 \times 7 = \square \rightarrow \text{U}$

$4 \times 7 = \square \rightarrow \text{O}$

$11 \times 3 = \square \rightarrow \text{N}$

Scratch space:

CLUE 5**Fractions of a number - the last clue**

We analyzed a fraction of the digital security footprints left in the server room.

First solve each problem. Then find each answer in the numbered list below and cross that sentence out. One sentence will be left - that is exactly what the villain did!

Step 1 - solve these:

$1/3 \text{ of } 15 = \boxed{}$

$7/10 \text{ of } 10 = \boxed{}$

$3/10 \text{ of } 40 = \boxed{}$

$1/4 \text{ of } 8 = \boxed{}$

$2/4 \text{ of } 20 = \boxed{}$

$8/10 \text{ of } 5 = \boxed{}$

$6/10 \text{ of } 15 = \boxed{}$

$2/4 \text{ of } 22 = \boxed{}$

$1/10 \text{ of } 10 = \boxed{}$

$1/5 \text{ of } 15 = \boxed{}$

$2/8 \text{ of } 24 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain glitched the voting booth, then took the legendary golden trophy.
2. The villain sabotaged the reward system, then deleted the red carpet assets.
3. The villain corrupted the main stage code, then swiped the rare developer hats.
4. The villain corrupted the main stage code, then took the legendary golden trophy.
5. The villain glitched the voting booth, then deleted the red carpet assets.
6. The villain corrupted the main stage code, then deleted the red carpet assets.
7. The villain hacked the nomination server, then copied the private game files.
8. The villain hacked the nomination server, then took the legendary golden trophy.
9. The villain sabotaged the reward system, then locked the admins out of studio.
10. The villain glitched the voting booth, then locked the admins out of studio.
11. The villain hacked the nomination server, then locked the admins out of studio.
12. The villain glitched the voting booth, then copied the private game files.

Answer Key

The Sabotaged Innovation Awards

Culprit: SoundMixer

Blender Modeling · Golden Bloxy · Light Mode UI · Spiky Blue Hair · Noob Filter Shield

Trail: Start 21 → Clue 1 16 → Clue 2 12 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE SABOTEUR LACKS THE GOLDEN VALKYRIE"

$2612 + 1589 = 4201$ (T) · $2439 + 4354 = 6793$ (D) · $2878 + 5313 = 8191$ (S) · $1319 + 2051 = 3370$ (V) · $2985 + 2229 = 5214$ (K) · $3249 + 5273 = 8522$ (C) · $1479 + 1840 = 3319$ (R) · $3853 + 1997 = 5850$ (I) · $1507 + 2872 = 4379$ (E) · $4911 + 3098 = 8009$ (O) · $1383 + 1555 = 2938$ (G) · $2136 + 3851 = 5987$ (Y) · $2769 + 1284 = 4053$ (H) · $6623 + 3123 = 9746$ (N) · $1270 + 1958 = 3228$ (B) · $4814 + 2860 = 7674$ (L) · $3061 + 3137 = 6198$ (A) · $4414 + 4456 = 8870$ (U)

Clue 2 (Subtraction): "THE SCREEN SHINED WITH LIGHT THEME"

$6122 - 4080 = 2042$ (T) · $8643 - 2898 = 5745$ (R) · $11544 - 3082 = 8462$ (E) · $5195 - 2561 = 2634$ (C) · $8357 - 4290 = 4067$ (N) · $9385 - 2340 = 7045$ (M) · $11733 - 3687 = 8046$ (H) · $10839 - 2548 = 8291$ (D) · $8002 - 3365 = 4637$ (L) · $11426 - 4534 = 6892$ (S) · $4407 - 1620 = 2787$ (W) · $5738 - 4207 = 1531$ (G) · $5431 - 3857 = 1574$ (I)

Clue 3 (Fractions of a number): "THE NOOB FILTER SHIELD BLOCKED THEM"

$4/10$ of 40 = 16 (T) · $1/8$ of 200 = 25 (O) · $5/10$ of 6 = 3 (D) · $1/4$ of 44 = 11 (L) · $3/6$ of 46 = 23 (M) · $4/6$ of 60 = 40 (F) · $2/10$ of 65 = 13 (S) · $6/10$ of 15 = 9 (R) · $6/8$ of 16 = 12 (I) · $2/3$ of 39 = 26 (N) · $2/10$ of 135 = 27 (E) · $2/8$ of 132 = 33 (H) · $2/4$ of 70 = 35 (K) · $2/10$ of 150 = 30 (C) · $2/4$ of 76 = 38 (B)

Clue 4 (Multiplication facts (1-12)): "SPIKY BLUE HAIR WAS LEFT ON STAGE"

$11 \times 12 = 132$ (S) · $7 \times 7 = 49$ (E) · $6 \times 6 = 36$ (K) · $11 \times 7 = 77$ (I) · $8 \times 4 = 32$ (L) · $7 \times 2 = 14$ (A) · $11 \times 11 = 121$ (Y) · $1 \times 3 = 3$ (G) · $5 \times 4 = 20$ (R) · $7 \times 1 = 7$ (B) · $9 \times 9 = 81$ (P) · $12 \times 8 = 96$ (H) · $10 \times 6 = 60$ (F) · $5 \times 11 = 55$ (W) · $8 \times 9 = 72$ (T) · $12 \times 7 = 84$ (U) · $4 \times 7 = 28$ (O) · $11 \times 3 = 33$ (N)

Clue 5 (Fractions of a number): surviving statement is box 8 → SoundMixer

$1/3$ of 15 = 5 · $7/10$ of 10 = 7 · $3/10$ of 40 = 12 · $1/4$ of 8 = 2 · $2/4$ of 20 = 10 · $8/10$ of 5 = 4 · $6/10$ of 15 = 9 · $2/4$ of 22 = 11 · $1/10$ of 10 = 1 · $1/5$ of 15 = 3 · $2/8$ of 24 = 6