



The Loot Lake Supply Swipe

Grade 5 math · Multiplication, Fractions of a number, Order of operations, Rounding, Division · Reading level grades 5-6

Detective: _____ Date: _____

Someone swiped the golden supply drop right before the final circle closed in Loot Lake! The Supply Drop Coordinator needs our squad to find the sneaky griever before the storm shrinks and the match ends.

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 griever is _____

Possible suspects

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

NAME	MAIN TACTIC	BACK BLING	BUILDING HAND	HEAD COSMETIC	ACTIVE HAZARD
Ramirez	Bush Camouflage	Peely Banana Suit	Left-handed builder	Golden Spiky Hair	Ice Foot trap
Headhunter	Shockwave Grenade	Cuddle Bow	Right-handed builder	Golden Spiky Hair	Ice Foot trap
Tekniq	Bush Camouflage	Cuddle Bow	Left-handed builder	Golden Spiky Hair	Chug Splash splash
Jonesy	Shockwave Grenade	Knight Shield	Left-handed builder	Golden Spiky Hair	Stink Bomb cloud
Dakotaz	Bush Camouflage	Knight Shield	Left-handed builder	Bright Pink Helmet	Chug Splash splash
Pokimane	Grappler Gun	Cuddle Bow	Right-handed builder	Bright Pink Helmet	Stink Bomb cloud
Drift	Launch Pad	Cuddle Bow	Left-handed builder	Golden Spiky Hair	Chug Splash splash
Spitfire	Grappler Gun	Knight Shield	Left-handed builder	Bright Pink Helmet	Chug Splash splash
Loserfruit	Launch Pad	Peely Banana Suit	Left-handed builder	Bright Pink Helmet	Ice Foot trap
Peely	Boogie Bomb	Peely Banana Suit	Right-handed builder	Golden Spiky Hair	Ice Foot trap
LazarBeam	Bush Camouflage	Drift Mask	Left-handed builder	Neon Blue Cap	Ice Foot trap
Fresh	Bush Camouflage	Peely Banana Suit	Right-handed builder	Bright Pink Helmet	Ice Foot trap
CourageJD	Boogie Bomb	Cuddle Bow	Left-handed builder	Bright Pink Helmet	Ice Foot trap
AliA	Grappler Gun	Peely Banana Suit	Left-handed builder	Golden Spiky Hair	Ice Foot trap
Renegade	Grappler Gun	Drift Mask	Left-handed builder	Bright Pink Helmet	Ice Foot trap
SypherPK	Boogie Bomb	Peely Banana Suit	Left-handed builder	Bright Pink Helmet	Ice Foot trap
Bugha	Shockwave Grenade	Peely Banana Suit	Left-handed builder	Golden Spiky Hair	Ice Foot trap
Banshee	Boogie Bomb	Knight Shield	Right-handed builder	Bright Pink Helmet	Ice Foot trap
RustLord	Grappler Gun	Drift Mask	Right-handed builder	Golden Spiky Hair	Stink Bomb cloud
Valkyrae	Bush Camouflage	Knight Shield	Left-handed builder	Bright Pink Helmet	Ice Foot trap
Clix	Grappler Gun	Peely Banana Suit	Right-handed builder	Bright Pink Helmet	Ice Foot trap

Multiplication facts (1-12)

We intercepted a coded message from a suspicious squad. They are organizing their shield potions into neat rows and columns. Multiply the rows of minis to unlock the first clue!

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

A number line from 0 to 100 with two rows of boxes. The top row has boxes at 45, 90, 100, 28, 81, 25, 25, 22, 81, 2, 11, 12, 100, 44, 2, 12, and 45. The bottom row has boxes at 20, 100, 22, 49, 22, 11, 49, 81, 32, 45, 48, 22, 44, and 54. The boxes at 45 and 45 are highlighted in orange and labeled 'T'.

$$5 \times 9 = \boxed{} \rightarrow \boxed{\text{T}}$$

$$4 \times 11 = \boxed{} \rightarrow \boxed{\mathbf{S}}$$

$$8 \times 6 = \boxed{} \rightarrow \boxed{\mathbf{M}}$$

$$1 \times 2 = \boxed{} \rightarrow \boxed{\mathbf{N}}$$

$2 \times 10 = \boxed{} \rightarrow \boxed{\mathbf{W}}$

$1 \times 11 = \boxed{} \rightarrow \boxed{\mathbf{D}}$

$3 \times 4 = \boxed{} \rightarrow \boxed{0}$

$$7 \times 7 = \boxed{} \rightarrow \boxed{\text{R}}$$

$$2 \times 11 = \boxed{} \rightarrow \boxed{\mathbf{A}}$$

$8 \times 4 = \boxed{} \rightarrow \boxed{\text{F}}$

$10 \times 9 = \boxed{} \rightarrow \boxed{\text{H}}$

$10 \times 10 = \boxed{} \rightarrow \boxed{\text{E}}$

$9 \times 6 = \boxed{} \rightarrow \boxed{\text{K}}$

$$5 \times 5 = \boxed{} \rightarrow \boxed{\text{L}}$$

$7 \times 4 = \square \rightarrow \boxed{\mathbf{V}}$

$9 \times 9 = \boxed{} \rightarrow \boxed{1}$

Scratch space:

CLUE 2

Fractions of a number

A broken loot llama dropped some V-Bucks. Our scanners can only retrieve a fraction of the total amount. Calculate the exact fractional share of the loot to find the next lead.

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

The diagram consists of two rows of boxes, each representing a sequence of numbers. The top row has 14 boxes, and the bottom row has 12 boxes. Some boxes are shaded orange and contain the letter 'T', while others are white and empty. Below each box is a number.

Top Row:

- Box 1: Orange, contains 'T'. Number below: 17.
- Box 2: White, empty. Number below: 18.
- Box 3: White, empty. Number below: 7.
- Box 4: White, empty. Number below: 12.
- Box 5: White, empty. Number below: 36.
- Box 6: White, empty. Number below: 12.
- Box 7: White, empty. Number below: 26.
- Box 8: White, empty. Number below: 7.
- Box 9: White, empty. Number below: 24.
- Box 10: Orange, contains 'T'. Number below: 17.
- Box 11: White, empty. Number below: 35.
- Box 12: White, empty. Number below: 36.
- Box 13: White, empty. Number below: 22.
- Box 14: White, empty. Number below: 40.
- Box 15: White, empty. Number below: 32.
- Box 16: White, empty. Number below: 12.
- Box 17: White, empty. Number below: 29.
- Box 18: White, empty. Number below: 22.
- Box 19: Orange, contains 'T'. Number below: 17.
- Box 20: White, empty. Number below: 18.

Bottom Row:

- Box 1: Orange, contains 'T'. Number below: 17.
- Box 2: White, empty. Number below: 18.
- Box 3: White, empty. Number below: 7.
- Box 4: White, empty. Number below: 22.
- Box 5: White, empty. Number below: 8.
- Box 6: White, empty. Number below: 40.
- Box 7: White, empty. Number below: 7.
- Box 8: White, empty. Number below: 4.
- Box 9: Orange, contains 'T'. Number below: 17.
- Box 10: White, empty. Number below: 18.
- Box 11: White, empty. Number below: 11.
- Box 12: White, empty. Number below: 38.
- Box 13: White, empty. Number below: 32.

2/4 of 34 = → **T**

5/10 of 48 = → **C**

$2/6$ of 105 = $\rightarrow$ **B**

$$2/10 \text{ of } 40 = \boxed{} \rightarrow \boxed{\text{R}}$$

$1/10$ of 40 = $\rightarrow$ **F**

2/10 of 55 = → **A**

$$\frac{1}{2} \text{ of } 44 = \boxed{} \rightarrow \boxed{} \mid$$

4/10 of 95 = → **N**

$$\frac{1}{4} \text{ of } 48 = \boxed{} \rightarrow \boxed{\text{S}}$$

$\frac{1}{4}$ of 128 = $\rightarrow$ **D**

$$3/6 \text{ of } 52 = \boxed{} \rightarrow \boxed{\text{P}}$$

2/10 of 35 = → **E**

4/10 of 100 = → **L**

$$2/4 \text{ of } 72 = \boxed{} \rightarrow \boxed{\text{U}}$$

$3/10$ of $60 = \boxed{} \rightarrow \boxed{\text{H}}$

$$\frac{1}{2} \text{ of } 58 = \boxed{} \rightarrow \boxed{\text{W}}$$

Scratch space:

CLUE 3

Order of operations

The reboot van terminal is locked with a complex security code. To crack it, we must solve the calculation in the exact correct order. Follow the operations rules to get the clue.

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

T																	
7	66	55	37	60	34	34	29	26	60	34	48	55	76	72	58	72	
						T		T									
76	37	55	26	34	34	7	7	60	58	78							

$3 + 2 \times 2 = \square \rightarrow \boxed{\text{T}}$

$8 \times 8 - 4 = \square \rightarrow \boxed{\text{R}}$

$4 + 6 \times 5 = \square \rightarrow \boxed{\text{O}}$

$2 + 3 \times 9 = \square \rightarrow \boxed{\text{K}}$

$12 \times 4 - 22 = \square \rightarrow \boxed{\text{F}}$

$7 \times 8 - 19 = \square \rightarrow \boxed{\text{C}}$

$60 + 3 \times 6 = \square \rightarrow \boxed{\text{P}}$

$10 \times 6 - 2 = \square \rightarrow \boxed{\text{A}}$

$8 \times 8 - 16 = \square \rightarrow \boxed{\text{Z}}$

$7 \times 10 - 4 = \square \rightarrow \boxed{\text{H}}$

$8 \times 7 - 1 = \square \rightarrow \boxed{\text{E}}$

$9 \times 10 - 18 = \square \rightarrow \boxed{\text{N}}$

$48 + 7 \times 4 = \square \rightarrow \boxed{\text{I}}$

Scratch space:

CLUE 4 Rounding

The storm circle radar tracker is glitching out and only shows approximate distance numbers. Round the distance of the storm wall to the nearest hundred to pinpoint the suspect.

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

W																	
2300	1100	7000	20	700	110	5000	4300	900	9000	430	1300	300	3000	370	430	110	2900

300	1100	3700	200	1100	3000	4300	3000	3000	300	1100	7000	20	9000	3000

Round 2,267 to the nearest hundred → **W**

Round 9,164 to the nearest thousand → **R**

Round 2,855 to the nearest hundred → **K**

Round 428 to the nearest ten → **I**

Round 367 to the nearest ten → **P**

Round 108 to the nearest ten → **N**

Round 6,855 to the nearest thousand → **F**

Round 4,534 to the nearest thousand → **D**

Round 3,704 to the nearest hundred → **L**

Round 4,310 to the nearest hundred → **A**

Round 252 to the nearest hundred → **H**

Round 679 to the nearest hundred → **U**

Round 923 to the nearest hundred → **B**

Round 236 to the nearest hundred → **M**

Round 2,745 to the nearest thousand → **T**

Round 22 to the nearest ten → **O**

Round 1,145 to the nearest hundred → **E**

Round 1,298 to the nearest hundred → **G**

Scratch space:

CLUE 5**Division facts (1-12) - the last clue**

A friendly squad is dividing their remaining wood and metal plates equally among themselves. Work out how many materials each player gets to reveal the final piece of evidence.

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:

$60 \div 6 = \boxed{}$

$54 \div 6 = \boxed{}$

$45 \div 9 = \boxed{}$

$7 \div 1 = \boxed{}$

$121 \div 11 = \boxed{}$

$32 \div 8 = \boxed{}$

$32 \div 4 = \boxed{}$

$18 \div 9 = \boxed{}$

$60 \div 10 = \boxed{}$

$6 \div 2 = \boxed{}$

$72 \div 6 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain throws a boogie bomb to force everyone to dance, then escapes wearing a bright yellow peely banana suit.
2. The villain launches into the air with a shockwave grenade, then escapes wearing a bright yellow peely banana suit.
3. The villain zips away quickly using a grappler gun, then runs off wearing a shiny pink cuddle bow.
4. The villain launches into the air with a shockwave grenade, then shields themselves with a heavy metal knight shield.
5. The villain escapes high over the trees on a launch pad, then escapes wearing a bright yellow peely banana suit.
6. The villain zips away quickly using a grappler gun, then slips into the shadows behind a glowing drift mask.
7. The villain launches into the air with a shockwave grenade, then runs off wearing a shiny pink cuddle bow.
8. The villain hides quietly in a thick bush camouflage, then runs off wearing a shiny pink cuddle bow.
9. The villain hides quietly in a thick bush camouflage, then shields themselves with a heavy metal knight shield.
10. The villain throws a boogie bomb to force everyone to dance, then runs off wearing a shiny pink cuddle bow.
11. The villain hides quietly in a thick bush camouflage, then slips into the shadows behind a glowing drift mask.
12. The villain zips away quickly using a grappler gun, then shields themselves with a heavy metal knight shield.

Answer Key

The Loot Lake Supply Swipe

Culprit: SypherPK

Boogie Bomb · Peely Banana Suit · Left-handed builder · Bright Pink Helmet · Ice Foot trap

Trail: Start 21 → Clue 1 18 → Clue 2 12 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE VILLAIN DOES NOT WEAR A DRIFT MASK"

$5 \times 9 = 45$ (T) · $4 \times 11 = 44$ (S) · $8 \times 6 = 48$ (M) · $1 \times 2 = 2$ (N) · $2 \times 10 = 20$ (W) · $1 \times 11 = 11$ (D) · $3 \times 4 = 12$ (O) · $7 \times 7 = 49$ (R) · $2 \times 11 = 22$ (A) · $8 \times 4 = 32$ (F) · $10 \times 9 = 90$ (H) · $10 \times 10 = 100$ (E) · $9 \times 6 = 54$ (K) · $5 \times 5 = 25$ (L) · $7 \times 4 = 28$ (V) · $9 \times 9 = 81$ (I)

Clue 2 (Fractions of a number): "THE SUSPECT BUILDS WITH THEIR LEFT HAND"

$\frac{2}{4}$ of 34 = 17 (T) · $\frac{5}{10}$ of 48 = 24 (C) · $\frac{2}{6}$ of 105 = 35 (B) · $\frac{2}{10}$ of 40 = 8 (R) · $\frac{1}{10}$ of 40 = 4 (F) · $\frac{2}{10}$ of 55 = 11 (A) · $\frac{1}{2}$ of 44 = 22 (I) · $\frac{4}{10}$ of 95 = 38 (N) · $\frac{1}{4}$ of 48 = 12 (S) · $\frac{1}{4}$ of 128 = 32 (D) · $\frac{3}{6}$ of 52 = 26 (P) · $\frac{2}{10}$ of 35 = 7 (E) · $\frac{4}{10}$ of 100 = 40 (L) · $\frac{2}{4}$ of 72 = 36 (U) · $\frac{3}{10}$ of 60 = 18 (H) · $\frac{1}{2}$ of 58 = 29 (W)

Clue 3 (Order of operations): "THE CROOK FROZE IN AN ICE FOOT TRAP"

$3 + 2 \times 2 = 7$ (T) · $8 \times 8 - 4 = 60$ (R) · $4 + 6 \times 5 = 34$ (O) · $2 + 3 \times 9 = 29$ (K) · $12 \times 4 - 22 = 26$ (F) · $7 \times 8 - 19 = 37$ (C) · $60 + 3 \times 6 = 78$ (P) · $10 \times 6 - 2 = 58$ (A) · $8 \times 8 - 16 = 48$ (Z) · $7 \times 10 - 4 = 66$ (H) · $8 \times 7 - 1 = 55$ (E) · $9 \times 10 - 18 = 72$ (N) · $48 + 7 \times 4 = 76$ (I)

Clue 4 (Rounding): "WE FOUND A BRIGHT PINK HELMET AT THE FORT"

Round 2,267 to the nearest hundred = 2300 (W) · Round 9,164 to the nearest thousand = 9000 (R) · Round 2,855 to the nearest hundred = 2900 (K) · Round 428 to the nearest ten = 430 (I) · Round 367 to the nearest ten = 370 (P) · Round 108 to the nearest ten = 110 (N) · Round 6,855 to the nearest thousand = 7000 (F) · Round 4,534 to the nearest thousand = 5000 (D) · Round 3,704 to the nearest hundred = 3700 (L) · Round 4,310 to the nearest hundred = 4300 (A) · Round 252 to the nearest hundred = 300 (H) · Round 679 to the nearest hundred = 700 (U) · Round 923 to the nearest hundred = 900 (B) · Round 236 to the nearest hundred = 200 (M) · Round 2,745 to the nearest thousand = 3000 (T) · Round 22 to the nearest ten = 20 (O) · Round 1,145 to the nearest hundred = 1100 (E) · Round 1,298 to the nearest hundred = 1300 (G)

Clue 5 (Division facts (1-12)): surviving statement is box 1 → SypherPK

$60 \div 6 = 10$ · $54 \div 6 = 9$ · $45 \div 9 = 5$ · $7 \div 1 = 7$ · $121 \div 11 = 11$ · $32 \div 8 = 4$ · $32 \div 4 = 8$ · $18 \div 9 = 2$ · $60 \div 10 = 6$ · $6 \div 2 = 3$ · $72 \div 6 = 12$