The Great Netherite Netball Robbery

Grade 3 math · Addition, Subtraction, Place value, Rounding, Division · Reading level grades 3-4

Detective: _____ **Date:** _____

Right before the final buzzer of the Robot-Dino League finals, someone swiped the legendary Golden Netherite Basketball! The stadium went dark, and a blocky robotic dinosaur pirate was seen escaping the court. We must find the thief!

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 Mech-Dino Pirate is _____

Possible suspects

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

NAME	DINO FRAME	SUPER CHEAT GEAR	SHOOTING HAND	LED GLOW COLOR	SYSTEM BUG
Dirk Dino	Stego Shield Plate	Bouncy Spring Shoes	Left Handed Shooter	Green Voxel Glow	Salty Sea Water
Zion Circuit	T-Rex Steel Chassis	Bouncy Spring Shoes	Left Handed Shooter	Red Laser Glow	Glitchy Slow Wifi
Long John Laser	T-Rex Steel Chassis	Bouncy Spring Shoes	Left Handed Shooter	Blue Neon Glow	Glitchy Slow Wifi
Rex Malone	Triceratops Rammer	Laser Aim Visor	Left Handed Shooter	Green Voxel Glow	Glitchy Slow Wifi
Iron Hook	Raptor Speed Boost	Net Launcher Cannon	Right Handed Shooter	Blue Neon Glow	Glitchy Slow Wifi
Captain Voxel	Ptera Glider Wings	Voxel Grabber Hook	Right Handed Shooter	Green Voxel Glow	Salty Sea Water
Shaq Rex	T-Rex Steel Chassis	Bouncy Spring Shoes	Left Handed Shooter	Green Voxel Glow	Glitchy Slow Wifi
Pegleg Ptera	Triceratops Rammer	Laser Aim Visor	Left Handed Shooter	Red Laser Glow	Salty Sea Water
Saber Tooth Sam	Ptera Glider Wings	Net Launcher Cannon	Left Handed Shooter	Green Voxel Glow	Glitchy Slow Wifi
Joker Jordan	Ptera Glider Wings	Laser Aim Visor	Right Handed Shooter	Green Voxel Glow	Glitchy Slow Wifi
Spud Webb Bot	Stego Shield Plate	Rocket Jump Pack	Right Handed Shooter	Blue Neon Glow	Glitchy Slow Wifi
Rusty Raptor	Ptera Glider Wings	Voxel Grabber Hook	Left Handed Shooter	Green Voxel Glow	Glitchy Slow Wifi
Barnaby Byte	Raptor Speed Boost	Voxel Grabber Hook	Left Handed Shooter	Red Laser Glow	Salty Sea Water
Curry Core	Triceratops Rammer	Rocket Jump Pack	Left Handed Shooter	Red Laser Glow	Glitchy Slow Wifi
Cyber Blackbeard	Triceratops Rammer	Voxel Grabber Hook	Left Handed Shooter	Red Laser Glow	Squeaky Rusty Gears
Byte Beard	Triceratops Rammer	Laser Aim Visor	Right Handed Shooter	Blue Neon Glow	Glitchy Slow Wifi
Kobe Kobot	T-Rex Steel Chassis	Bouncy Spring Shoes	Right Handed Shooter	Blue Neon Glow	Salty Sea Water
Hook Raptor	Raptor Speed Boost	Laser Aim Visor	Right Handed Shooter	Red Laser Glow	Squeaky Rusty Gears
Giga Giannis	T-Rex Steel Chassis	Voxel Grabber Hook	Left Handed Shooter	Green Voxel Glow	Glitchy Slow Wifi
Mega Mutombo	Stego Shield Plate	Bouncy Spring Shoes	Left Handed Shooter	Red Laser Glow	Glitchy Slow Wifi
Scurvy Stego	Triceratops Rammer	Net Launcher Cannon	Right Handed Shooter	Green Voxel Glow	Squeaky Rusty Gears

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CLUE 1 Addition

We found the pirate cargo logs. Add the block counts together to unlock the first clue box.

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

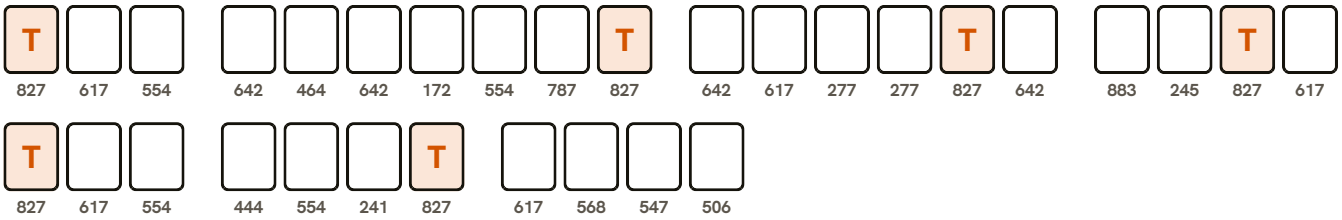
142 + 119 = ☐ → T	511 + 298 = ☐ → L	538 + 230 = ☐ → U
194 + 384 = ☐ → A	273 + 277 = ☐ → H	407 + 386 = ☐ → R
229 + 304 = ☐ → E	401 + 343 = ☐ → N	292 + 451 = ☐ → P
361 + 192 = ☐ → D	268 + 259 = ☐ → S	319 + 293 = ☐ → C
568 + 256 = ☐ → O	278 + 245 = ☐ → I	

Scratch space:

CLUE 2 Subtraction

> The runner dropped energy cells during the escape. Subtract the lost cells from the total to find the next clue code.

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



841 - 14 = ☐ → **T**

701 - 237 = ☐ → **U**

680 - 236 = ☐ → **L**

888 - 271 = ☐ → **H**

611 - 64 = ☐ → **N**

841 - 335 = ☐ → **D**

1219 - 336 = ☐ → **W**

938 - 296 = ☐ → **S**

622 - 54 = ☐ → **A**

550 - 309 = ☐ → **F**

1144 - 357 = ☐ → **C**

462 - 217 = ☐ → **I**

748 - 194 = ☐ → **E**

446 - 274 = ☐ → **P**

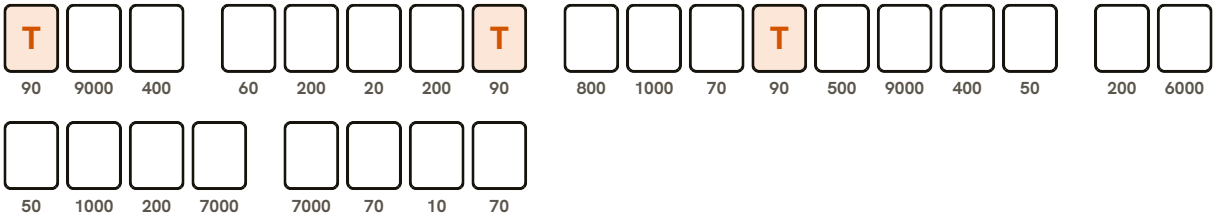
637 - 360 = ☐ → **O**

Scratch space:

CLUE 3 Place value

Look at the voxel grid coordinates on our map. Find the digit in the tens place to locate the hidden clue.

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



What is the value of the 9 in 7,493? ☐ → T

What is the value of the 1 in 6,210? ☐ → F

What is the value of the 8 in 9,817? ☐ → G

What is the value of the 7 in 471? ☐ → I

What is the value of the 5 in 523? ☐ → C

What is the value of the 6 in 6,275? ☐ → N

What is the value of the 9 in 69,853? ☐ → H

What is the value of the 7 in 57,233? ☐ → W

What is the value of the 2 in 929? ☐ → B

What is the value of the 1 in 1,377? ☐ → L

What is the value of the 2 in 3,299? ☐ → O

What is the value of the 5 in 154? ☐ → S

What is the value of the 4 in 453? ☐ → E

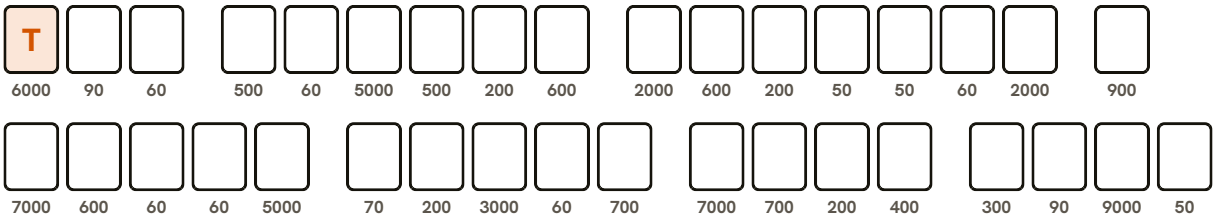
What is the value of the 6 in 8,260? ☐ → R

Scratch space:

CLUE 4 Rounding

> The security radar screen is fuzzy and only shows rounded numbers. Round the distance to the nearest ten to clear the screen.

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



Round 6,473 to the nearest thousand ☐ → T

Round 4,969 to the nearest thousand ☐ → N

Round 7,139 to the nearest thousand ☐ → G

Round 932 to the nearest hundred ☐ → A

Round 339 to the nearest hundred ☐ → C

Round 385 to the nearest hundred ☐ → W

Round 3,464 to the nearest thousand ☐ → X

Round 86 to the nearest ten ☐ → H

Round 644 to the nearest hundred ☐ → R

Round 515 to the nearest hundred ☐ → S

Round 219 to the nearest hundred ☐ → O

Round 684 to the nearest hundred ☐ → L

Round 69 to the nearest ten ☐ → V

Round 1,671 to the nearest thousand ☐ → D

Round 62 to the nearest ten ☐ → E

Round 47 to the nearest ten ☐ → P

Round 8,552 to the nearest thousand ☐ → I

Scratch space:

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

> We must share the leftover energy pack supplies equally among our helper bots. Divide them to get the final clue.

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:

40 ÷ 10 = ☐ | 44 ÷ 4 = ☐ | 35 ÷ 5 = ☐ | 24 ÷ 2 = ☐ | 10 ÷ 5 = ☐

6 ÷ 2 = ☐ | 64 ÷ 8 = ☐ | 12 ÷ 2 = ☐ | 80 ÷ 8 = ☐ | 3 ÷ 3 = ☐

55 ÷ 11 = ☐

Step 2 - cross out the sentence with each answer:

1. The villain dashes past the defensive droids, then locks targets with a laser eye.
2. The villain dashes past the defensive droids, then escapes with the gold netball.
3. The villain smashes through the voxel brick wall, then escapes with the gold netball.
4. The villain swoops down from the arena ceiling, then snatches the prize with a voxel hook.
5. The villain stomps across the pixelated court, then escapes with the gold netball.
6. The villain swoops down from the arena ceiling, then escapes with the gold netball.
7. The villain smashes through the voxel brick wall, then locks targets with a laser eye.
8. The villain swoops down from the arena ceiling, then leaps ten blocks high with spring boots.
9. The villain stomps across the pixelated court, then snatches the prize with a voxel hook.
10. The villain deflects the laser basketball, then snatches the prize with a voxel hook.
11. The villain stomps across the pixelated court, then leaps ten blocks high with spring boots.
12. The villain smashes through the voxel brick wall, then blasts away using a rocket jump.

TEACHER / PARENT

Answer Key

The Great Netherite Netball Robbery

Culprit: Giga Giannis

T-Rex Steel Chassis · Voxel Grabber Hook · Left Handed Shooter · Green Voxel Glow · Glitchy Slow Wifi

Trail: Start 21 → Clue 1 18 → Clue 2 12 → Clue 3 8 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE PIRATE DOES NOT USE A NET LAUNCHER CANNON"

142 + 119 = 261 (T) · 511 + 298 = 809 (L) · 538 + 230 = 768 (U) · 194 + 384 = 578 (A) · 273 + 277 = 550 (H) · 407 + 386 = 793 (R) · 229 + 304 = 533 (E) · 401 + 343 = 744 (N) · 292 + 451 = 743 (P) · 361 + 192 = 553 (D) · 268 + 259 = 527 (S) · 319 + 293 = 612 (C) · 568 + 256 = 824 (O) · 278 + 245 = 523 (I)

Clue 2 (Subtraction): "THE SUSPECT SHOOTS WITH THE LEFT HAND"

841 - 14 = 827 (T) · 701 - 237 = 464 (U) · 680 - 236 = 444 (L) · 888 - 271 = 617 (H) · 611 - 64 = 547 (N) · 841 - 335 = 506 (D) · 1219 - 336 = 883 (W) · 938 - 296 = 642 (S) · 622 - 54 = 568 (A) · 550 - 309 = 241 (F) · 1144 - 357 = 787 (C) · 462 - 217 = 245 (I) · 748 - 194 = 554 (E) · 446 - 274 = 172 (P) · 637 - 360 = 277 (O)

Clue 3 (Place value): "THE ROBOT GLITCHES ON SLOW WIFI"

What is the value of the 9 in 7,493? = 90 (T) · What is the value of the 1 in 6,210? = 10 (F) · What is the value of the 8 in 9,817? = 800 (G) · What is the value of the 7 in 471? = 70 (I) · What is the value of the 5 in 523? = 500 (C) · What is the value of the 6 in 6,275? = 6000 (N) · What is the value of the 9 in 69,853? = 9000 (H) · What is the value of the 7 in 57,233? = 7000 (W) · What is the value of the 2 in 929? = 20 (B) · What is the value of the 1 in 1,377? = 1000 (L) · What is the value of the 2 in 3,299? = 200 (O) · What is the value of the 5 in 154? = 50 (S) · What is the value of the 4 in 453? = 400 (E) · What is the value of the 6 in 8,260? = 60 (R)

Clue 4 (Rounding): "THE SENSOR DROPPED A GREEN VOXEL GLOW CHIP"

Round 6,473 to the nearest thousand = 6000 (T) · Round 4,969 to the nearest thousand = 5000 (N) · Round 7,139 to the nearest thousand = 7000 (G) · Round 932 to the nearest hundred = 900 (A) · Round 339 to the nearest hundred = 300 (C) · Round 385 to the nearest hundred = 400 (W) · Round 3,464 to the nearest thousand = 3000 (X) · Round 86 to the nearest ten = 90 (H) · Round 644 to the nearest hundred = 600 (R) · Round 515 to the nearest hundred = 500 (S) · Round 219 to the nearest hundred = 200 (O) · Round 684 to the nearest hundred = 700 (L) · Round 69 to the nearest ten = 70 (V) · Round 1,671 to the nearest thousand = 2000 (D) · Round 62 to the nearest ten = 60 (E) · Round 47 to the nearest ten = 50 (P) · Round 8,552 to the nearest thousand = 9000 (I)

Clue 5 (Division facts (1-12)): surviving statement is box 9 → Giga Giannis

40 ÷ 10 = 4 · 44 ÷ 4 = 11 · 35 ÷ 5 = 7 · 24 ÷ 2 = 12 · 10 ÷ 5 = 2 · 6 ÷ 2 = 3 · 64 ÷ 8 = 8 · 12 ÷ 2 = 6 · 80 ÷ 8 = 10 · 3 ÷ 3 = 1 · 55 ÷ 11 = 5