The Great Space Dino Soccer Heist

Grade 2 math · Skip counting, Addition, Subtraction, Multiplication, Division · Reading level grades 1-2

Detective: _____ **Date:** _____

Someone zapped the Golden Astro Soccer Ball right before the big game! Help Agent Byte inspect the stadium to spot the sneaky villain.

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 Cosmic Captain is _____

Possible suspects

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

NAME	DINO MOVE	SPACE GADGET	KICKING FOOT	VISOR COLOR	WEAKNESS
Laser Longtooth	Stego Shield Block	Pixel Blaster	Right Footed	Cyber Blue Visor	Squeaky Toys
Hook Crusher	Stego Shield Block	Gravity Glove	Right Footed	Cyber Blue Visor	Loud Whistles
Captain Pixel	TRex Tail Swipe	Laser Cleats	Left Footed	Solar Gold Visor	Squeaky Toys
Tracker Talon	Raptor Speed Dash	Rocket Pack	Right Footed	Cyber Blue Visor	Squeaky Toys
Bolt Barnaby	Ptero Wing Glide	Gravity Glove	Right Footed	Cyber Blue Visor	Squeaky Toys
Astro Spike	Stego Shield Block	Laser Cleats	Left Footed	Cyber Blue Visor	Squeaky Toys
Clipper Scraps	TRex Tail Swipe	Laser Cleats	Left Footed	Solar Gold Visor	Loud Whistles
Rocket Roar	Raptor Speed Dash	Gravity Glove	Left Footed	Solar Gold Visor	Bouncy Balls
Vector Vance	Stego Shield Block	Gravity Glove	Right Footed	Neon Red Visor	Loud Whistles
Mech Maya	Tricera Horn Charge	Laser Cleats	Right Footed	Neon Red Visor	Loud Whistles
Sparky Scales	Tricera Horn Charge	Plasma Magnet	Right Footed	Cyber Blue Visor	Squeaky Toys
Pixel Claw	Ptero Wing Glide	Laser Cleats	Right Footed	Cyber Blue Visor	Squeaky Toys
Comet Slash	Stego Shield Block	Rocket Pack	Left Footed	Neon Red Visor	Squeaky Toys
Orbit Fang	Stego Shield Block	Rocket Pack	Right Footed	Cyber Blue Visor	Bouncy Balls
Nova Nibbles	Raptor Speed Dash	Pixel Blaster	Left Footed	Cyber Blue Visor	Bouncy Balls
Radar Roamer	Raptor Speed Dash	Plasma Magnet	Left Footed	Solar Gold Visor	Loud Whistles
Robo Buster	Tricera Horn Charge	Gravity Glove	Right Footed	Solar Gold Visor	Bouncy Balls
Turbo Trike	TRex Tail Swipe	Laser Cleats	Right Footed	Solar Gold Visor	Squeaky Toys
Captain Rex	Tricera Horn Charge	Pixel Blaster	Right Footed	Solar Gold Visor	Squeaky Toys
Cannon Crunch	Tricera Horn Charge	Rocket Pack	Left Footed	Neon Red Visor	Loud Whistles
Ziggy Star	TRex Tail Swipe	Gravity Glove	Left Footed	Neon Red Visor	Bouncy Balls

CLUE 1 Skip counting

Count the stars by twos on the space radar screen to decode this first clue.

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

T																								T		
6	28	130	8	80	70	70	18	80	30	100	22	130	27	30	22	6										
									T																	
10	27	130	18	33	15	18	8	80	6	39	33	70	22	8	130											

Skip-count by 2s. Fill the blank: 2, 4, ___, 8, 10 ☐ → **T**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, ___, 20, 22 ☐ → **A**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, ___, 140, 150 ☐ → **E**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, ___, 80, 90 ☐ → **L**

Skip-count by 2s. Fill the blank: 2, 4, 6, ___, 10, 12 ☐ → **V**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, ___, 35, 40 ☐ → **N**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, ___, 12, 14 ☐ → **U**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, ___, 42, 45 ☐ → **Y**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, ___, 90, 100 ☐ → **I**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, ___, 30, 32 ☐ → **H**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, ___, 36, 39 ☐ → **G**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, ___, 18, 21 ☐ → **R**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, ___, 110, 120 ☐ → **D**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, ___, 30, 33 ☐ → **S**

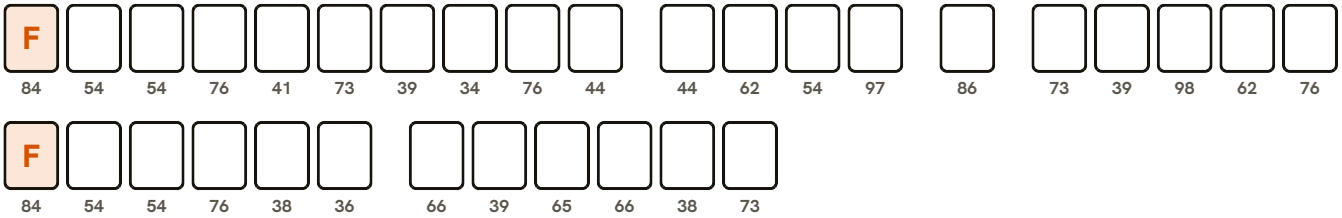
Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, ___, 24, 26 ☐ → **O**

Scratch space:

CLUE 2 Addition

Add the total soccer cones on the field to reveal what the witness saw.

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



44 + 40 = ☐ → F	31 + 67 = ☐ → G	24 + 42 = ☐ → K
29 + 47 = ☐ → T	27 + 27 = ☐ → O	34 + 52 = ☐ → A
41 + 32 = ☐ → R	21 + 17 = ☐ → E	16 + 25 = ☐ → P
44 + 21 = ☐ → C	28 + 11 = ☐ → I	13 + 21 = ☐ → N
21 + 15 = ☐ → D	62 + 35 = ☐ → W	22 + 40 = ☐ → H
19 + 25 = ☐ → S		

Scratch space:

CLUE 3 Subtraction

Subtract the broken robot gears from the box to spot a sneaky clue.

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

T																			
32	76	59	26	72	23	23	58	72	30	24	58	30	58	27	58	85			

											T								
31	24	54	62	55	74	50	59	58	64	85	32	54	85	55					

60 - 28 = ☐ → T

94 - 22 = ☐ → I

62 - 32 = ☐ → N

61 - 34 = ☐ → W

93 - 29 = ☐ → K

65 - 6 = ☐ → E

102 - 28 = ☐ → Q

99 - 23 = ☐ → H

44 - 21 = ☐ → L

119 - 34 = ☐ → Y

75 - 25 = ☐ → U

64 - 38 = ☐ → V

50 - 19 = ☐ → F

63 - 39 = ☐ → R

89 - 35 = ☐ → O

74 - 16 = ☐ → A

78 - 16 = ☐ → M

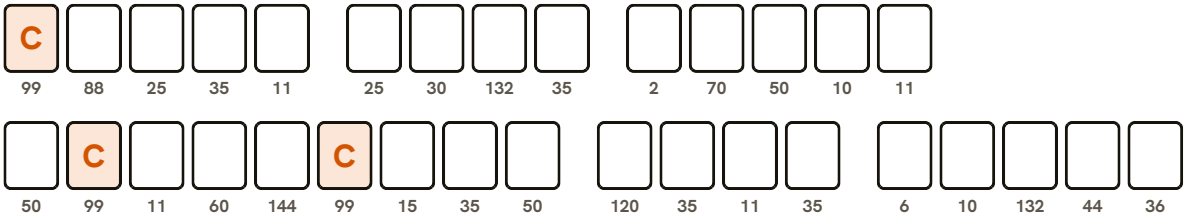
63 - 8 = ☐ → S

Scratch space:

CLUE 4 Multiplication facts (1-12)

Count the rows of rocket boots in the locker room to find out more.

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



11 × 9 = ☐ → C

5 × 12 = ☐ → A

7 × 10 = ☐ → I

2 × 5 = ☐ → O

5 × 3 = ☐ → H

12 × 11 = ☐ → U

2 × 3 = ☐ → F

5 × 5 = ☐ → B

5 × 6 = ☐ → L

10 × 12 = ☐ → W

12 × 12 = ☐ → T

6 × 6 = ☐ → D

11 × 8 = ☐ → Y

1 × 11 = ☐ → R

5 × 7 = ☐ → E

4 × 11 = ☐ → N

5 × 10 = ☐ → S

1 × 2 = ☐ → V

Scratch space:

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

Divide the energy blocks equally among the bots 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:

77 ÷ 7 = ☐	84 ÷ 7 = ☐	50 ÷ 10 = ☐	4 ÷ 4 = ☐	60 ÷ 10 = ☐
24 ÷ 6 = ☐	72 ÷ 9 = ☐	24 ÷ 12 = ☐	14 ÷ 2 = ☐	21 ÷ 7 = ☐
36 ÷ 4 = ☐				

Step 2 - cross out the sentence with each answer:

1. The villain swung a T-Rex tail, then zipped on laser cleats.
2. The villain dashed with raptor speed, then shot a pixel blaster.
3. The villain dashed with raptor speed, then pulled items with a gravity glove.
4. The villain glided on ptero wings, then blasted off with a rocket pack.
5. The villain charged with tricera horns, then turned on a plasma magnet.
6. The villain charged with tricera horns, then pulled items with a gravity glove.
7. The villain swung a T-Rex tail, then blasted off with a rocket pack.
8. The villain swung a T-Rex tail, then turned on a plasma magnet.
9. The villain glided on ptero wings, then turned on a plasma magnet.
10. The villain dashed with raptor speed, then blasted off with a rocket pack.
11. The villain blocked with a stego shield, then shot a pixel blaster.
12. The villain glided on ptero wings, then zipped on laser cleats.

TEACHER / PARENT

Answer Key

The Great Space Dino Soccer Heist

Culprit: Tracker Talon

Raptor Speed Dash · Rocket Pack · Right Footed · Cyber Blue Visor · Squeaky Toys

Trail: Start 21 → Clue 1 15 → Clue 2 8 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Skip counting): "THE VILLAIN DOES NOT USE A GRAVITY GLOVE"

Skip-count by 2s. Fill the blank: 2, 4, ___, 8, 10 = 6 (T) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, ___, 20, 22 = 18 (A) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, ___, 140, 150 = 130 (E) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, ___, 80, 90 = 70 (L) · Skip-count by 2s. Fill the blank: 2, 4, 6, ___, 10, 12 = 8 (V) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, ___, 35, 40 = 30 (N) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, ___, 12, 14 = 10 (U) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, ___, 42, 45 = 39 (Y) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, ___, 90, 100 = 80 (I) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, ___, 30, 32 = 28 (H) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, ___, 36, 39 = 33 (G) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, ___, 18, 21 = 15 (R) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, ___, 110, 120 = 100 (D) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, ___, 30, 33 = 27 (S) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, ___, 24, 26 = 22 (O)

Clue 2 (Addition): "FOOTPRINTS SHOW A RIGHT FOOTED KICKER"

44 + 40 = 84 (F) · 31 + 67 = 98 (G) · 24 + 42 = 66 (K) · 29 + 47 = 76 (T) · 27 + 27 = 54 (O) · 34 + 52 = 86 (A) · 41 + 32 = 73 (R) · 21 + 17 = 38 (E) · 16 + 25 = 41 (P) · 44 + 21 = 65 (C) · 28 + 11 = 39 (I) · 13 + 21 = 34 (N) · 21 + 15 = 36 (D) · 62 + 35 = 97 (W) · 22 + 40 = 62 (H) · 19 + 25 = 44 (S)

Clue 3 (Subtraction): "THE VILLAIN RAN AWAY FROM SQUEAKY TOYS"

60 - 28 = 32 (T) · 94 - 22 = 72 (I) · 62 - 32 = 30 (N) · 61 - 34 = 27 (W) · 93 - 29 = 64 (K) · 65 - 6 = 59 (E) · 102 - 28 = 74 (Q) · 99 - 23 = 76 (H) · 44 - 21 = 23 (L) · 119 - 34 = 85 (Y) · 75 - 25 = 50 (U) · 64 - 38 = 26 (V) · 50 - 19 = 31 (F) · 63 - 39 = 24 (R) · 89 - 35 = 54 (O) · 74 - 16 = 58 (A) · 78 - 16 = 62 (M) · 63 - 8 = 55 (S)

Clue 4 (Multiplication facts (1-12)): "CYBER BLUE VISOR SCRATCHES WERE FOUND"

11 × 9 = 99 (C) · 5 × 12 = 60 (A) · 7 × 10 = 70 (I) · 2 × 5 = 10 (O) · 5 × 3 = 15 (H) · 12 × 11 = 132 (U) · 2 × 3 = 6 (F) · 5 × 5 = 25 (B) · 5 × 6 = 30 (L) · 10 × 12 = 120 (W) · 12 × 12 = 144 (T) · 6 × 6 = 36 (D) · 11 × 8 = 88 (Y) · 1 × 11 = 11 (R) · 5 × 7 = 35 (E) · 4 × 11 = 44 (N) · 5 × 10 = 50 (S) · 1 × 2 = 2 (V)

Clue 5 (Division facts (1-12)): surviving statement is box 10 → Tracker Talon

77 ÷ 7 = 11 · 84 ÷ 7 = 12 · 50 ÷ 10 = 5 · 4 ÷ 4 = 1 · 60 ÷ 10 = 6 · 24 ÷ 6 = 4 · 72 ÷ 9 = 8 · 24 ÷ 12 = 2 · 14 ÷ 2 = 7 · 21 ÷ 7 = 3 · 36 ÷ 4 = 9