The Golden Whistle Caper

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

Detective: _____ **Date:** _____

Someone snuck onto the pitch and snatched the championship trophy right before kickoff! Use clues from the field to find the culprit.

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 Trophy Thief is _____

Possible suspects

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

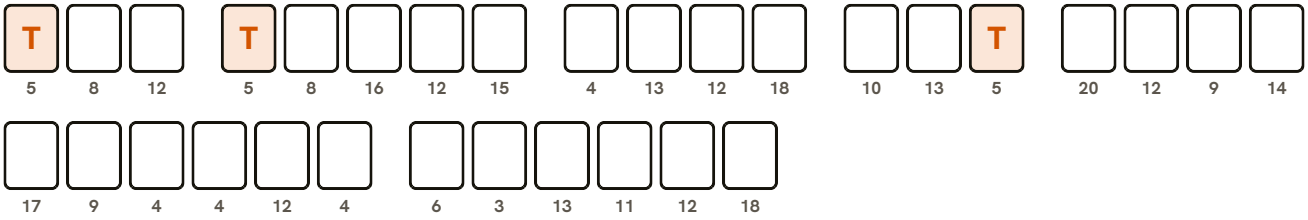
NAME	SIGNATURE KICK	WARMUP GEAR	KICKING FOOT	HEADBAND COLOR	WEAKNESS
Ruby Whistle	Curve Shot	Neon Cleats	Left Footed	Red Headband	Squeaky Ball
Mason Forward	Curve Shot	Striped Socks	Right Footed	Red Headband	Squeaky Ball
Leo Kick	Power Strike	Padded Gloves	Left Footed	Red Headband	Squeaky Ball
Ben Sweeper	Curve Shot	Shiny Cap	Left Footed	Red Headband	Squeaky Ball
Lily Bench	Bicycle Kick	Neon Cleats	Right Footed	Red Headband	Bright Floodlight
Luke Marker	Curve Shot	Shiny Cap	Right Footed	Red Headband	Bright Floodlight
Maya Goal	Bicycle Kick	Padded Gloves	Right Footed	Blue Headband	Squeaky Ball
Liam Save	Header Bump	Shiny Cap	Left Footed	Gold Headband	Loud Whistle
Kai Corner	Rocket Volley	Neon Cleats	Left Footed	Gold Headband	Loud Whistle
Max Dribble	Bicycle Kick	Striped Socks	Right Footed	Gold Headband	Bright Floodlight
Zoe Header	Curve Shot	Striped Socks	Left Footed	Red Headband	Bright Floodlight
Mia Turf	Power Strike	Wrist Bands	Left Footed	Red Headband	Loud Whistle
Jack Defender	Power Strike	Shiny Cap	Right Footed	Red Headband	Squeaky Ball
Noah Net	Rocket Volley	Neon Cleats	Left Footed	Red Headband	Squeaky Ball
Nina Cross	Header Bump	Neon Cleats	Right Footed	Gold Headband	Bright Floodlight
Owen Boot	Power Strike	Striped Socks	Left Footed	Gold Headband	Squeaky Ball
Eli Halfback	Bicycle Kick	Striped Socks	Right Footed	Blue Headband	Loud Whistle
Alex Pass	Curve Shot	Neon Cleats	Right Footed	Blue Headband	Bright Floodlight
Sofie Corner	Bicycle Kick	Shiny Cap	Right Footed	Blue Headband	Bright Floodlight
Ella Pitch	Power Strike	Striped Socks	Left Footed	Blue Headband	Squeaky Ball
Sam Striker	Header Bump	Shiny Cap	Left Footed	Red Headband	Squeaky Ball

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CLUE 1 Addition

Coach needs help adding up the training cones left on the grass.

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



4 + 1 = ☐ → T

1 + 2 = ☐ → L

9 + 5 = ☐ → R

5 + 3 = ☐ → H

8 + 9 = ☐ → P

3 + 6 = ☐ → A

4 + 11 = ☐ → F

8 + 3 = ☐ → V

2 + 2 = ☐ → D

5 + 8 = ☐ → O

3 + 3 = ☐ → G

7 + 3 = ☐ → N

8 + 12 = ☐ → W

9 + 7 = ☐ → I

8 + 4 = ☐ → E

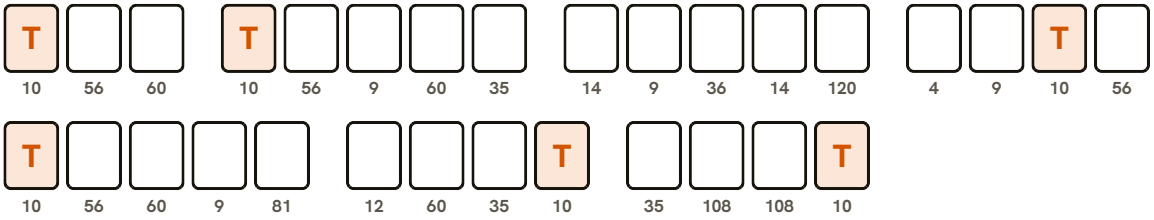
7 + 11 = ☐ → S

Scratch space:

CLUE 2 Multiplication facts (1-12)

> The referee counts equal stacks of shiny soccer medals in the shed.

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



1 × 10 = ☐ → T	12 × 10 = ☐ → S	2 × 7 = ☐ → K
1 × 9 = ☐ → I	8 × 7 = ☐ → H	7 × 5 = ☐ → F	1 × 4 = ☐ → W
9 × 12 = ☐ → O	12 × 5 = ☐ → E	6 × 6 = ☐ → C
9 × 9 = ☐ → R	12 × 1 = ☐ → L

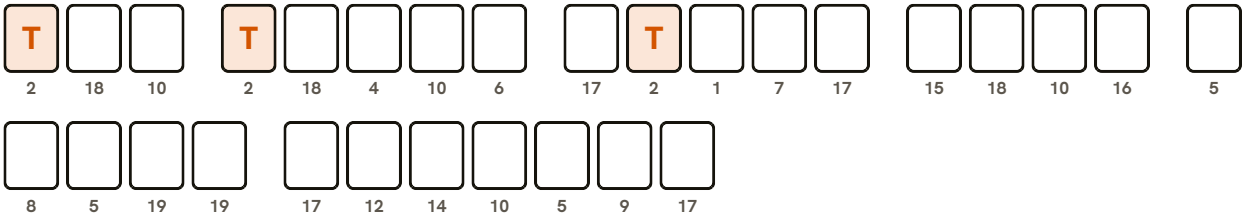
Scratch space:

CLUE 3

Subtraction

Detective Sam takes away the popped soccer balls from the equipment bag.

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



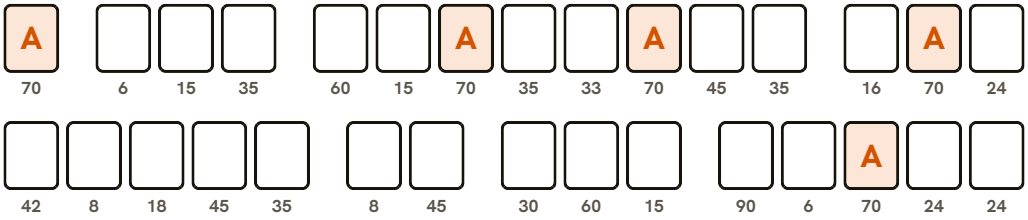
9 - 7 = ☐ → T	17 - 9 = ☐ → B	20 - 3 = ☐ → S	8 - 2 = ☐ → F
20 - 5 = ☐ → W	20 - 4 = ☐ → N	6 - 1 = ☐ → A	14 - 4 = ☐ → E
20 - 1 = ☐ → L	10 - 3 = ☐ → P	19 - 7 = ☐ → Q	5 - 1 = ☐ → I
2 - 1 = ☐ → O	13 - 4 = ☐ → K	19 - 1 = ☐ → H	17 - 3 = ☐ → U

Scratch space:

CLUE 4 Skip counting

The team counts soccer socks in pairs of two along the bench.

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



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

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, ___, 100, 110 ☐ → G

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, ___, 27, 30 ☐ → S

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, ___, 18, 20 ☐ → W

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, ___, 40, 45 ☐ → D

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

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, ___, 50, 55 ☐ → N

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, ___, 45, 48 ☐ → F

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, ___, 70, 80 ☐ → H

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

Scratch space:

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

> The captain splits soccer orange slices equally among the players.

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:

10 ÷ 10 = ☐	24 ÷ 6 = ☐	40 ÷ 8 = ☐	60 ÷ 5 = ☐	14 ÷ 7 = ☐
96 ÷ 12 = ☐	12 ÷ 2 = ☐	72 ÷ 8 = ☐	110 ÷ 10 = ☐	20 ÷ 2 = ☐
14 ÷ 2 = ☐				

Step 2 - cross out the sentence with each answer:

1. The villain bends a curve shot, then lacing up neon cleats.
2. The villain delivers a power strike, then pulling up striped socks.
3. The villain scores a header bump, then snapping on a shiny cap.
4. The villain bends a curve shot, then snapping on a shiny cap.
5. The villain blasts a rocket volley, then lacing up neon cleats.
6. The villain bends a curve shot, then adjusting padded gloves.
7. The villain uses a bicycle kick, then adjusting padded gloves.
8. The villain delivers a power strike, then snapping on a shiny cap.
9. The villain delivers a power strike, then lacing up neon cleats.
10. The villain delivers a power strike, then adjusting padded gloves.
11. The villain blasts a rocket volley, then adjusting wrist bands.
12. The villain uses a bicycle kick, then adjusting wrist bands.

TEACHER / PARENT

Answer Key

The Golden Whistle Caper

Culprit: Sam Striker

Header Bump · Shiny Cap · Left Footed · Red Headband · Squeaky Ball

Trail: Start 21 → Clue 1 19 → Clue 2 10 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE THIEF DOES NOT WEAR PADDED GLOVES"

4 + 1 = 5 (T) · 1 + 2 = 3 (L) · 9 + 5 = 14 (R) · 5 + 3 = 8 (H) · 8 + 9 = 17 (P) · 3 + 6 = 9 (A) · 4 + 11 = 15 (F) · 8 + 3 = 11 (V) · 2 + 2 = 4 (D) · 5 + 8 = 13 (O) · 3 + 3 = 6 (G) · 7 + 3 = 10 (N) · 8 + 12 = 20 (W) · 9 + 7 = 16 (I) · 8 + 4 = 12 (E) · 7 + 11 = 18 (S)

Clue 2 (Multiplication facts (1-12)): "THE THIEF KICKS WITH THEIR LEFT FOOT"

1 × 10 = 10 (T) · 12 × 10 = 120 (S) · 2 × 7 = 14 (K) · 1 × 9 = 9 (I) · 8 × 7 = 56 (H) · 7 × 5 = 35 (F) · 1 × 4 = 4 (W) · 9 × 12 = 108 (O) · 12 × 5 = 60 (E) · 6 × 6 = 36 (C) · 9 × 9 = 81 (R) · 12 × 1 = 12 (L)

Clue 3 (Subtraction): "THE THIEF STOPS WHEN A BALL SQUEAKS"

9 - 7 = 2 (T) · 17 - 9 = 8 (B) · 20 - 3 = 17 (S) · 8 - 2 = 6 (F) · 20 - 5 = 15 (W) · 20 - 4 = 16 (N) · 6 - 1 = 5 (A) · 14 - 4 = 10 (E) · 20 - 1 = 19 (L) · 10 - 3 = 7 (P) · 19 - 7 = 12 (Q) · 5 - 1 = 4 (I) · 2 - 1 = 1 (O) · 13 - 4 = 9 (K) · 19 - 1 = 18 (H) · 17 - 3 = 14 (U)

Clue 4 (Skip counting): "A RED HEADBAND WAS FOUND ON THE GRASS"

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, ___, 80, 90 = 70 (A) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, ___, 100, 110 = 90 (G) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, ___, 27, 30 = 24 (S) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, ___, 18, 20 = 16 (W) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, ___, 40, 45 = 35 (D) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, ___, 36, 39 = 33 (B) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, ___, 20, 22 = 18 (U) · Skip-count by 2s. Fill the blank: 2, 4, ___, 8, 10 = 6 (R) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, ___, 50, 55 = 45 (N) · Skip-count by 2s. Fill the blank: 2, 4, 6, ___, 10, 12 = 8 (O) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, ___, 35, 40 = 30 (T) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, ___, 45, 48 = 42 (F) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, ___, 70, 80 = 60 (H) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, ___, 18, 21 = 15 (E)

Clue 5 (Division facts (1-12)): surviving statement is box 3 → Sam Striker

10 ÷ 10 = 1 · 24 ÷ 6 = 4 · 40 ÷ 8 = 5 · 60 ÷ 5 = 12 · 14 ÷ 7 = 2 · 96 ÷ 12 = 8 · 12 ÷ 2 = 6 · 72 ÷ 8 = 9 · 110 ÷ 10 = 11 · 20 ÷ 2 = 10 · 14 ÷ 2 = 7