The Championship Trophy Caper

Grade 3 math · Multiplication, Skip counting, Word problems, Rounding, Missing addends · Reading level grades 3-4

Detective: _____ **Date:** _____

Right before kick-off at the championship game, the golden trophy vanished from the locker room! Coach Vance called in the stadium detective squad to review video tape and investigate the suspect roster.

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	LUCKY GEAR	SIGNATURE PLAY	THROWING HAND	HELMET STYLE	GAME DISTRACTION
Nick Bosa	Towel Belt	Trick Lateral	Left Handed	Blue Helmet	Loud Whistle
Josh Allen	Arm Sleeve	Field Goal Kick	Left Handed	Gold Helmet	Slippery Turf
Joe Burrow	Towel Belt	Field Goal Kick	Right Handed	Gold Helmet	Slippery Turf
Fred Warner	Golden Visor	Field Goal Kick	Right Handed	Gold Helmet	Slippery Turf
Deebo Samuel	Towel Belt	Flea Flicker	Left Handed	Blue Helmet	Slippery Turf
Justin Tucker	Towel Belt	Trick Lateral	Left Handed	Blue Helmet	Slippery Turf
TJ Watt	Arm Sleeve	Hail Mary Pass	Left Handed	Blue Helmet	Slippery Turf
Jalen Hurts	Arm Sleeve	Trick Lateral	Left Handed	Red Helmet	Crowd Noise
Lamar Jackson	Towel Belt	Trick Lateral	Right Handed	Gold Helmet	Loud Whistle
Maxx Crosby	Cleat Spikes	Field Goal Kick	Right Handed	Gold Helmet	Slippery Turf
Derrick Henry	Cleat Spikes	Trick Lateral	Right Handed	Blue Helmet	Loud Whistle
Travis Kelce	Towel Belt	Field Goal Kick	Right Handed	Blue Helmet	Loud Whistle
AJ Brown	Golden Visor	Corner Blitz	Right Handed	Blue Helmet	Loud Whistle
Micah Parsons	Golden Visor	Trick Lateral	Right Handed	Blue Helmet	Slippery Turf
Patrick Mahomes	Cleat Spikes	Hail Mary Pass	Left Handed	Blue Helmet	Slippery Turf
Stefon Diggs	Padded Gloves	Field Goal Kick	Left Handed	Gold Helmet	Crowd Noise
Saquon Barkley	Towel Belt	Flea Flicker	Left Handed	Blue Helmet	Loud Whistle
Tyreek Hill	Arm Sleeve	Trick Lateral	Right Handed	Blue Helmet	Loud Whistle
Christian McCaffrey	Arm Sleeve	Corner Blitz	Right Handed	Gold Helmet	Loud Whistle
Aaron Donald	Towel Belt	Trick Lateral	Right Handed	Red Helmet	Crowd Noise
Davante Adams	Arm Sleeve	Hail Mary Pass	Right Handed	Blue Helmet	Loud Whistle

CLUE 1 Multiplication facts (1-12)

Coach Vance checks the equipment racks arranged in equal rows to decode the first clue on the chalkboard.

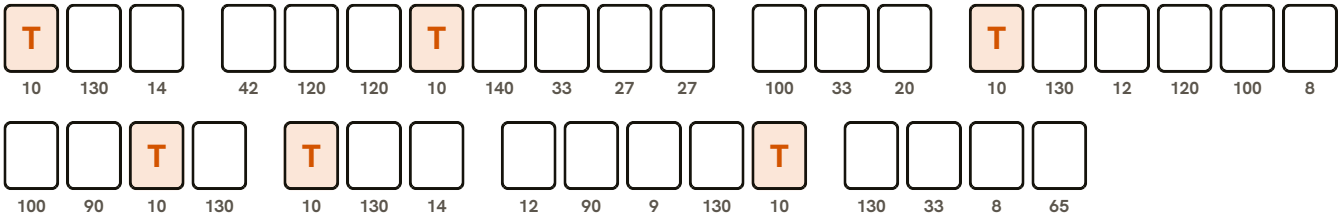
Solve each problem, then write its letter in every clue box that shows the same number.

| | | |

CLUE 2 Skip counting

The referee counts field yard markers in quick jumps to unlock a note left on the sideline.

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



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

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, ___, 130, 140 ☐ → O

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, ___, 70, 75 ☐ → D

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, ___, 22, 24 ☐ → S

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 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, ___, 30, 33 ☐ → L

Skip-count by 3s. Fill the blank: 3, 6, ___, 12, 15 ☐ → G

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, ___, 16, 18 ☐ → E

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

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, ___, 15, 18 ☐ → **R**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, ___, 150, 160 ☐ → **B**

Scratch space:

CLUE 3 Word problems

The team analyst solves player stats from the notebook to reveal details about the thief.

Solve each problem, then write its letter in the boxes to fill in the missing word.

Someone scared the villain off with

L							S	T	L	E
13	37	6	38	70	78	43			13	

.

Quarterback found 10 whistles yesterday and 3 more today. How many whistles in all?

Answer: ☐ → L

Quarterback found 32 whistles yesterday and 11 more today. How many whistles in all?

Answer: ☐ → I

Quarterback found 17 playbooks yesterday and 20 more today. How many playbooks in all?

Answer: ☐ → O

Quarterback lined up 2 rows of 3 footballs. How many footballs in all?

Answer: ☐ → U

There were 109 water bottles. 31 were used up. How many water bottles are left?

Answer: ☐ → H

Quarterback found 24 whistles yesterday and 14 more today. How many whistles in all?

Answer: ☐ → D

Quarterback lined up 7 rows of 10 water bottles. How many water bottles in all?

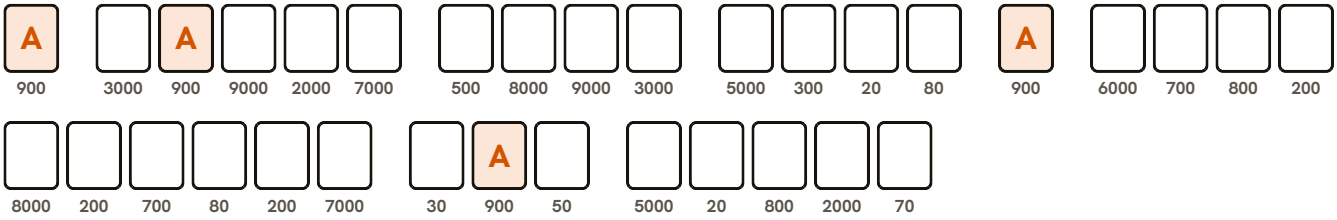
Answer: ☐ → W

Scratch space:

CLUE 4 Rounding

The stadium Jumbotron display only shows rounded fan attendance numbers to give up the next lead.

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



Round 858 to the nearest hundred ☐ → A

Round 1,528 to the nearest thousand ☐ → N

Round 244 to the nearest hundred ☐ → E

Round 6,827 to the nearest thousand ☐ → T

Round 29 to the nearest ten ☐ → W

Round 849 to the nearest hundred ☐ → U

Round 4,763 to the nearest thousand ☐ → F

Round 72 to the nearest ten ☐ → D

Round 527 to the nearest hundred ☐ → C

Round 6,230 to the nearest thousand ☐ → B

Round 266 to the nearest hundred ☐ → R

Round 78 to the nearest ten ☐ → M

Round 8,502 to the nearest thousand ☐ → I

Round 20 to the nearest ten ☐ → O

Round 8,054 to the nearest thousand ☐ → H

Round 725 to the nearest hundred ☐ → L

Round 52 to the nearest ten ☐ → S

Round 3,397 to the nearest thousand ☐ → P

Scratch space:

CLUE 5 Missing addends - the last clue

> The scoreboard operator finds the missing point total needed to unlock the final evidence vault.

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:

4 + ___ = 12 ☐	5 + ___ = 9 ☐	2 + ___ = 3 ☐	3 + ___ = 13 ☐
3 + ___ = 14 ☐	8 + ___ = 11 ☐	5 + ___ = 10 ☐	5 + ___ = 7 ☐
8 + ___ = 15 ☐	6 + ___ = 12 ☐	8 + ___ = 17 ☐	

Step 2 - cross out the sentence with each answer:

1. The villain laced up cleat spikes, then flipped a trick lateral.
2. The villain adjusted a towel belt, then flipped a trick lateral.
3. The villain laced up cleat spikes, then called a corner blitz.
4. The villain snapped an arm sleeve, then threw a hail mary pass.
5. The villain snapped an arm sleeve, then called a corner blitz.
6. The villain laced up cleat spikes, then sailed a field goal kick.
7. The villain wore a golden visor, then flipped a trick lateral.
8. The villain snapped an arm sleeve, then flipped a trick lateral.
9. The villain put on padded gloves, then executed a flea flicker.
10. The villain put on padded gloves, then threw a hail mary pass.
11. The villain put on padded gloves, then flipped a trick lateral.
12. The villain adjusted a towel belt, then sailed a field goal kick.

TEACHER / PARENT

Answer Key

The Championship Trophy Caper

Culprit: Travis Kelce

Towel Belt · Field Goal Kick · Right Handed · Blue Helmet · Loud Whistle

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

Clue 1 (Multiplication facts (1-12)): "THE THIEF DID NOT USE A CORNER BLITZ"

9 × 3 = 27 (T) · 7 × 10 = 70 (L) · 10 × 6 = 60 (B) · 2 × 7 = 14 (I) · 10 × 8 = 80 (N) · 10 × 2 = 20 (S) · 9 × 9 = 81 (R) · 6 × 4 = 24 (D) · 3 × 7 = 21 (C) · 9 × 8 = 72 (Z) · 10 × 5 = 50 (A) · 10 × 3 = 30 (U) · 4 × 3 = 12 (E) · 10 × 4 = 40 (O) · 7 × 9 = 63 (F) · 4 × 12 = 48 (H)

Clue 2 (Skip counting): "THE FOOTBALL WAS THROWN WITH THE RIGHT HAND"

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, ___, 12, 14 = 10 (T) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, ___, 130, 140 = 120 (O) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, ___, 110, 120 = 100 (W) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, ___, 70, 75 = 65 (D) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, ___, 100, 110 = 90 (I) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, ___, 22, 24 = 20 (S) · 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 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, ___, 30, 33 = 27 (L) · Skip-count by 3s. Fill the blank: 3, 6, ___, 12, 15 = 9 (G) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, ___, 16, 18 = 14 (E) · Skip-count by 2s. Fill the blank: 2, 4, 6, ___, 10, 12 = 8 (N) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, ___, 36, 39 = 33 (A) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, ___, 140, 150 = 130 (H) · Skip-count by 3s. Fill the blank: 3, 6, 9, ___, 15, 18 = 12 (R) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, ___, 150, 160 = 140 (B)

Clue 3 (Word problems): "LOUD WHISTLE"

Quarterback found 10 whistles yesterday and 3 more today. How many whistles in all? = 13 (L) · Quarterback found 32 whistles yesterday and 11 more today. How many whistles in all? = 43 (I) · Quarterback found 17 playbooks yesterday and 20 more today. How many playbooks in all? = 37 (O) · Quarterback lined up 2 rows of 3 footballs. How many footballs in all? = 6 (U) · There were 109 water bottles. 31 were used up. How many water bottles are left? = 78 (H) · Quarterback found 24 whistles yesterday and 14 more today. How many whistles in all? = 38 (D) · Quarterback lined up 7 rows of 10 water bottles. How many water bottles in all? = 70 (W)

Clue 4 (Rounding): "A PAINT CHIP FROM A BLUE HELMET WAS FOUND"

Round 858 to the nearest hundred = 900 (A) · Round 1,528 to the nearest thousand = 2000 (N) · Round 244 to the nearest hundred = 200 (E) · Round 6,827 to the nearest thousand = 7000 (T) · Round 29 to the nearest ten = 30 (W) · Round 849 to the nearest hundred = 800 (U) · Round 4,763 to the nearest thousand = 5000 (F) · Round 72 to the nearest ten = 70 (D) · Round 527 to the nearest hundred = 500 (C) · Round 6,230 to the nearest thousand = 6000 (B) · Round 266 to the nearest hundred = 300 (R) · Round 78 to the nearest ten = 80 (M) · Round 8,502 to the nearest thousand = 9000 (I) · Round 20 to the nearest ten = 20 (O) · Round 8,054 to the nearest thousand = 8000 (H) · Round 725 to the nearest hundred = 700 (L) · Round 52 to the nearest ten = 50 (S) · Round 3,397 to the nearest thousand = 3000 (P)

Clue 5 (Missing addends): surviving statement is box 12 → Travis Kelce

4 + ___ = 12 = 8 · 5 + ___ = 9 = 4 · 2 + ___ = 3 = 1 · 3 + ___ = 13 = 10 · 3 + ___ = 14 = 11 · 8 + ___ = 11 = 3 · 5 + ___ = 10 = 5 · 5 + ___ = 7 = 2 · 8 + ___ = 15 = 7 · 6 + ___ = 12 = 6 · 8 + ___ = 17 = 9