The Championship Trophy Heist

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

Detective: _____ **Date:** _____

The night before the big championship game at Gridiron Stadium, someone snuck onto the field and stole the Golden Football Trophy! Coach Miller needs your detective skills to clear the innocent players and tackle 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 stadium thief is _____

Possible suspects

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

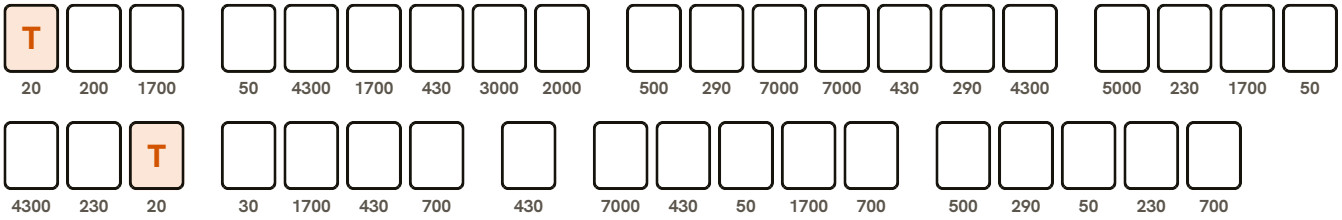
NAME	SIGNATURE MOVE	SPECIAL GEAR	THROWING HAND	HELMET STRIPE	BIG WEAKNESS
Brock Purdy	Shadow Sack	Rocket Cleats	Right-Handed Thrower	Blue Helmet Stripe	Loud Whistle
Derrick Henry	Cannon Pass	Jet Shoulderpads	Left-Handed Thrower	Blue Helmet Stripe	Bright Stadium Lights
George Kittle	Turbo Rush	Sticky Gloves	Right-Handed Thrower	Gold Helmet Stripe	Loud Whistle
Travis Kelce	Shield Block	Sticky Gloves	Right-Handed Thrower	Blue Helmet Stripe	Muddy Turf
Dak Prescott	Turbo Rush	Rocket Cleats	Right-Handed Thrower	Blue Helmet Stripe	Muddy Turf
Sauce Gardner	Turbo Rush	Laser Visor	Right-Handed Thrower	Gold Helmet Stripe	Loud Whistle
Christian McCaffrey	Turbo Rush	Rocket Cleats	Left-Handed Thrower	Blue Helmet Stripe	Loud Whistle
Myles Garrett	Shadow Sack	Jet Shoulderpads	Right-Handed Thrower	Blue Helmet Stripe	Muddy Turf
Josh Allen	Cannon Pass	Rocket Cleats	Right-Handed Thrower	Blue Helmet Stripe	Muddy Turf
Nick Bosa	Shield Block	Jet Shoulderpads	Right-Handed Thrower	Red Helmet Stripe	Muddy Turf
TJ Watt	Turbo Rush	Rocket Cleats	Left-Handed Thrower	Blue Helmet Stripe	Muddy Turf
Jalen Hurts	Sonic Kick	Laser Visor	Left-Handed Thrower	Red Helmet Stripe	Loud Whistle
Justin Jefferson	Cannon Pass	Rocket Cleats	Left-Handed Thrower	Blue Helmet Stripe	Bright Stadium Lights
Patrick Mahomes	Cannon Pass	Rocket Cleats	Left-Handed Thrower	Blue Helmet Stripe	Muddy Turf
Lamar Jackson	Cannon Pass	Laser Visor	Right-Handed Thrower	Blue Helmet Stripe	Muddy Turf
CJ Stroud	Turbo Rush	Rocket Cleats	Right-Handed Thrower	Red Helmet Stripe	Bright Stadium Lights
Micah Parsons	Turbo Rush	Laser Visor	Right-Handed Thrower	Blue Helmet Stripe	Muddy Turf
Cooper Kupp	Sonic Kick	Jet Shoulderpads	Right-Handed Thrower	Blue Helmet Stripe	Loud Whistle
Joe Burrow	Sonic Kick	Rocket Cleats	Right-Handed Thrower	Gold Helmet Stripe	Loud Whistle
Tyreek Hill	Shield Block	Jet Shoulderpads	Right-Handed Thrower	Red Helmet Stripe	Bright Stadium Lights
Davante Adams	Sonic Kick	Sticky Gloves	Right-Handed Thrower	Blue Helmet Stripe	Bright Stadium Lights

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CLUE 1 Rounding

> The stadium score tracker only shows rounded yardage numbers on the big screen.

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



Round 20 to the nearest ten ☐ → **T**

Round 429 to the nearest ten ☐ → **A**

Round 1,844 to the nearest thousand ☐ → **Y**

Round 7,422 to the nearest thousand ☐ → **L**

Round 709 to the nearest hundred ☐ → **R**

Round 4,274 to the nearest hundred ☐ → **N**

Round 3,214 to the nearest thousand ☐ → **K**

Round 1,699 to the nearest hundred ☐ → **E**

Round 291 to the nearest ten ☐ → **I**

Round 50 to the nearest ten ☐ → **S**

Round 26 to the nearest ten ☐ → **W**

Round 233 to the nearest ten ☐ → **O**

Round 204 to the nearest hundred ☐ → **H**

Round 509 to the nearest hundred ☐ → **V**

Round 5,409 to the nearest thousand ☐ → **D**

Scratch space:

CLUE 2 Addition

Coach Miller adds up all the practice cones gathered from the turf.

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



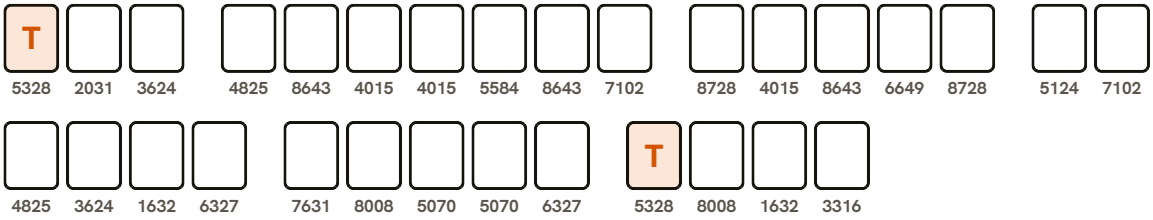
1560 + 2970 = ☐ → T	4986 + 2463 = ☐ → S	3559 + 4757 = ☐ → L
2042 + 1559 = ☐ → E	1094 + 2143 = ☐ → G	867 + 1471 = ☐ → W
6698 + 2953 = ☐ → A	5245 + 2947 = ☐ → Y	4896 + 2619 = ☐ → D
927 + 1639 = ☐ → R	3477 + 3544 = ☐ → I	3914 + 2261 = ☐ → N
690 + 1340 = ☐ → O	5874 + 2839 = ☐ → H	4178 + 4676 = ☐ → P

Scratch space:

CLUE 3 Subtraction

The equipment manager calculates how many footballs are left after warmups.

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



8597 - 3269 = ☐ → T

9819 - 4749 = ☐ → D

10161 - 1518 = ☐ → I

10541 - 4214 = ☐ → Y

9470 - 3886 = ☐ → A

5746 - 4114 = ☐ → R

6907 - 3591 = ☐ → F

8581 - 1932 = ☐ → P

8894 - 4069 = ☐ → V

6150 - 1026 = ☐ → O

6174 - 2159 = ☐ → L

12068 - 4966 = ☐ → N

12941 - 4933 = ☐ → U

12311 - 4680 = ☐ → M

6045 - 2421 = ☐ → E

2234 - 203 = ☐ → H

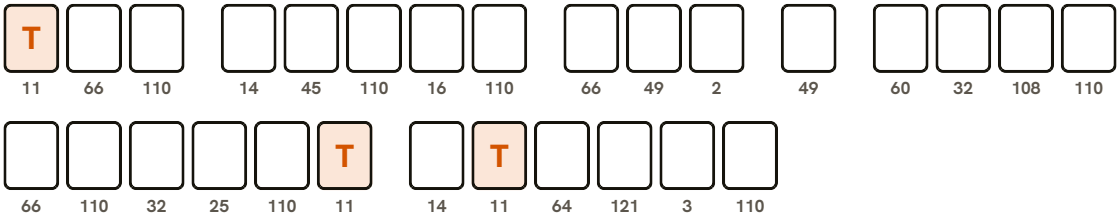
9788 - 1060 = ☐ → S

Scratch space:

CLUE 4 Multiplication facts (1-12)

> The quarterback counts the total water bottles arranged in equal rows.

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



11 × 1 = ☐ → **T**

11 × 10 = ☐ → **E**

8 × 2 = ☐ → **N**

11 × 11 = ☐ → **I**

4 × 8 = ☐ → **L**

9 × 12 = ☐ → **U**

10 × 6 = ☐ → **B**

7 × 7 = ☐ → **A**

3 × 1 = ☐ → **P**

1 × 2 = ☐ → **D**

8 × 8 = ☐ → **R**

2 × 7 = ☐ → **S**

5 × 5 = ☐ → **M**

5 × 9 = ☐ → **C**

6 × 11 = ☐ → **H**

Scratch space:

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

> The referee divides the penalty flags evenly among the officiating team.

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:

42 ÷ 7 = ☐ | 3 ÷ 1 = ☐ | 4 ÷ 1 = ☐ | 40 ÷ 4 = ☐ | 35 ÷ 7 = ☐

56 ÷ 7 = ☐ | 70 ÷ 10 = ☐ | 77 ÷ 7 = ☐ | 108 ÷ 12 = ☐ | 108 ÷ 9 = ☐

8 ÷ 8 = ☐

Step 2 - cross out the sentence with each answer:

1. The villain set up a shield block, then snatched the secret playbook.
2. The villain threw a cannon pass, then swiped the championship ball.
3. The villain used turbo rush, then swiped the championship ball.
4. The villain made a shadow sack, then pocketed the golden whistle.
5. The villain delivered a sonic kick, then stole the team mascot mask.
6. The villain set up a shield block, then grabbed the golden trophy.
7. The villain delivered a sonic kick, then pocketed the golden whistle.
8. The villain made a shadow sack, then swiped the championship ball.
9. The villain made a shadow sack, then grabbed the golden trophy.
10. The villain threw a cannon pass, then pocketed the golden whistle.
11. The villain used turbo rush, then stole the team mascot mask.
12. The villain made a shadow sack, then stole the team mascot mask.

TEACHER / PARENT

Answer Key

The Championship Trophy Heist

Culprit: Josh Allen

Cannon Pass · Rocket Cleats · Right-Handed Thrower · Blue Helmet Stripe · Muddy Turf

Trail: Start 21 → Clue 1 17 → Clue 2 12 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Rounding): "THE SNEAKY VILLAIN DOES NOT WEAR A LASER VISOR"

Round 20 to the nearest ten = 20 (T) · Round 429 to the nearest ten = 430 (A) · Round 1,844 to the nearest thousand = 2000 (Y) · Round 7,422 to the nearest thousand = 7000 (L) · Round 709 to the nearest hundred = 700 (R) · Round 4,274 to the nearest hundred = 4300 (N) · Round 3,214 to the nearest thousand = 3000 (K) · Round 1,699 to the nearest hundred = 1700 (E) · Round 291 to the nearest ten = 290 (I) · Round 50 to the nearest ten = 50 (S) · Round 26 to the nearest ten = 30 (W) · Round 233 to the nearest ten = 230 (O) · Round 204 to the nearest hundred = 200 (H) · Round 509 to the nearest hundred = 500 (V) · Round 5,409 to the nearest thousand = 5000 (D)

Clue 2 (Addition): "THE REPLAY SHOWS A RIGHT HANDED THROWER"

1560 + 2970 = 4530 (T) · 4986 + 2463 = 7449 (S) · 3559 + 4757 = 8316 (L) · 2042 + 1559 = 3601 (E) · 1094 + 2143 = 3237 (G) · 867 + 1471 = 2338 (W) · 6698 + 2953 = 9651 (A) · 5245 + 2947 = 8192 (Y) · 4896 + 2619 = 7515 (D) · 927 + 1639 = 2566 (R) · 3477 + 3544 = 7021 (I) · 3914 + 2261 = 6175 (N) · 690 + 1340 = 2030 (O) · 5874 + 2839 = 8713 (H) · 4178 + 4676 = 8854 (P)

Clue 3 (Subtraction): "THE VILLAIN SLIPS ON VERY MUDDY TURF"

8597 - 3269 = 5328 (T) · 9819 - 4749 = 5070 (D) · 10161 - 1518 = 8643 (I) · 10541 - 4214 = 6327 (Y) · 9470 - 3886 = 5584 (A) · 5746 - 4114 = 1632 (R) · 6907 - 3591 = 3316 (F) · 8581 - 1932 = 6649 (P) · 8894 - 4069 = 4825 (V) · 6150 - 1026 = 5124 (O) · 6174 - 2159 = 4015 (L) · 12068 - 4966 = 7102 (N) · 12941 - 4933 = 8008 (U) · 12311 - 4680 = 7631 (M) · 6045 - 2421 = 3624 (E) · 2234 - 203 = 2031 (H) · 9788 - 1060 = 8728 (S)

Clue 4 (Multiplication facts (1-12)): "THE SCENE HAD A BLUE HELMET STRIPE"

11 × 1 = 11 (T) · 11 × 10 = 110 (E) · 8 × 2 = 16 (N) · 11 × 11 = 121 (I) · 4 × 8 = 32 (L) · 9 × 12 = 108 (U) · 10 × 6 = 60 (B) · 7 × 7 = 49 (A) · 3 × 1 = 3 (P) · 1 × 2 = 2 (D) · 8 × 8 = 64 (R) · 2 × 7 = 14 (S) · 5 × 5 = 25 (M) · 5 × 9 = 45 (C) · 6 × 11 = 66 (H)

Clue 5 (Division facts (1-12)): surviving statement is box 2 → Josh Allen

42 ÷ 7 = 6 · 3 ÷ 1 = 3 · 4 ÷ 1 = 4 · 40 ÷ 4 = 10 · 35 ÷ 7 = 5 · 56 ÷ 7 = 8 · 70 ÷ 10 = 7 · 77 ÷ 7 = 11 · 108 ÷ 12 = 9 · 108 ÷ 9 = 12 · 8 ÷ 8 = 1