



The Missing Gold Belt Mystery

Grade 4 math · Multiplication, Rounding, Skip counting, Place value, Division · Reading level grades 3-4

Detective: _____ **Date:** _____

The world championship belt was snatched right off the trophy table before the main event! A mysterious masked ring crasher snuck past security and ran off into the locker rooms. Match the clues to find the trickster before the bell rings.

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 masked ring crasher 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	RING GEAR	RING STANCE	HAIR STYLE	RING DISTRACTION
Mega Maya	Dropkick	Flame Tights	Left Handed Stance	Long Ponytail	Air Horn
Bouncing Bruno	Bear Hug	Flame Tights	Right Handed Stance	Buzz Cut	Squeaky Toy
Rocky Roy	Suplex Slam	Silver Mask	Left Handed Stance	Long Ponytail	Loud Whistle
Lightning Leo	Clothesline	Silver Mask	Left Handed Stance	Wild Afro	Air Horn
Vicious Vance	Suplex Slam	Spiked Belts	Right Handed Stance	Wild Afro	Loud Whistle
Mighty Mia	Dropkick	Spiked Belts	Left Handed Stance	Wild Afro	Air Horn
Slamming Sam	Clothesline	Gold Cloak	Right Handed Stance	Long Ponytail	Squeaky Toy
Thunder Trent	Suplex Slam	Gold Cloak	Left Handed Stance	Wild Afro	Squeaky Toy
Super Sue	Suplex Slam	Flame Tights	Right Handed Stance	Wild Afro	Air Horn
Titan Tyler	Bear Hug	Silver Mask	Left Handed Stance	Wild Afro	Air Horn
Crusher Chloe	Bear Hug	Gold Cloak	Left Handed Stance	Wild Afro	Loud Whistle
Dynamic Dan	Elbow Drop	Neon Boots	Left Handed Stance	Wild Afro	Air Horn
Brawler Bella	Elbow Drop	Flame Tights	Right Handed Stance	Long Ponytail	Air Horn
Power Piper	Dropkick	Silver Mask	Right Handed Stance	Buzz Cut	Squeaky Toy
Captain Cody	Elbow Drop	Gold Cloak	Left Handed Stance	Buzz Cut	Air Horn
Macho Mark	Elbow Drop	Neon Boots	Right Handed Stance	Buzz Cut	Loud Whistle
Striking Seth	Suplex Slam	Spiked Belts	Left Handed Stance	Wild Afro	Air Horn
Heavyweight Hank	Clothesline	Gold Cloak	Right Handed Stance	Long Ponytail	Air Horn
Iron Ivy	Elbow Drop	Flame Tights	Left Handed Stance	Wild Afro	Squeaky Toy
Blazing Ben	Suplex Slam	Silver Mask	Left Handed Stance	Buzz Cut	Air Horn
Wild Will	Clothesline	Flame Tights	Left Handed Stance	Wild Afro	Loud Whistle

CLUE 1

Multiplication facts (1-12)

The referee counts the total wrestling mats piled up in equal rows across the locker room.

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

T															T
21	42	14	100	63	15	8	42	14	63	22	110	22	24	7	21
2	14	15	63	24	14	7	24	84	7	7	21	8			

$7 \times 3 = \square \rightarrow \text{T}$

$5 \times 3 = \square \rightarrow \text{A}$

$7 \times 6 = \square \rightarrow \text{H}$

$2 \times 11 = \square \rightarrow \text{D}$

$4 \times 6 = \square \rightarrow \text{N}$

$10 \times 10 = \square \rightarrow \text{C}$

$7 \times 2 = \square \rightarrow \text{E}$

$7 \times 9 = \square \rightarrow \text{R}$

$2 \times 1 = \square \rightarrow \text{W}$

$4 \times 2 = \square \rightarrow \text{S}$

$10 \times 11 = \square \rightarrow \text{I}$

$1 \times 7 = \square \rightarrow \text{O}$

$7 \times 12 = \square \rightarrow \text{B}$

Scratch space:

CLUE 2

Rounding

The stadium scoreboard rounds up the heavy weight total to display on the big screen.

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

T										T	T					T			
5000	2300	30	9000	370	9000	430	30	3000	5000	5000	4300	370	700	5000	30	1300			
		T					T									T			
200	300	5000	2300	130	30	7000	5000	2300	4300	700	1300	30	1300	9000	5000	4300	700	3000	30

Round 4,593 to the nearest thousand → **T**

Round 2,305 to the nearest hundred → **H**

Round 4,321 to the nearest hundred → **A**

Round 133 to the nearest ten → **L**

Round 426 to the nearest ten → **P**

Round 691 to the nearest hundred → **N**

Round 372 to the nearest ten → **U**

Round 274 to the nearest hundred → **I**

Round 223 to the nearest hundred → **W**

Round 8,580 to the nearest thousand → **S**

Round 3,227 to the nearest thousand → **C**

Round 1,251 to the nearest hundred → **D**

Round 6,987 to the nearest thousand → **F**

Round 26 to the nearest ten → **E**

Scratch space:

CLUE 3

Skip counting

The security guards count the folding chairs surrounding the ring by fives.

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

A		A														
33	8	33	24	25	60	40	25	8	80	25	40	35	110	27	60	110
											A					
9	140	9	26	110	42	27	24	8	26	15	33	42	110			

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 → **R**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, __, 45, 50 → **O**

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, __, 40, 45 → **Z**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, __, 28, 30 → **P**

Skip-count by 5s. Fill the blank: 5, 10, __, 20, 25 → **L**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, __, 26, 28 → **I**

Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 → **S**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 → **H**

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

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

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, __, 120, 130 → **E**

Scratch space:

CLUE 4 Place value

The arena manager checks the ticket sales code to decode the suspect room number.

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

C																
1000	7000	100	2000	9000	400	60	8000	100	500	20	60	700	100	10	60	800
										C						
30	7000	2000	2000	9000	400	500	8000	8000	1000	60	30	9000				

What is the value of the 1 in 51,842? → **C**

What is the value of the 6 in 9,261? → **A**

What is the value of the 5 in 4,539? → **O**

What is the value of the 3 in 1,937? → **P**

What is the value of the 9 in 29,463? → **E**

What is the value of the 1 in 710? → **W**

What is the value of the 8 in 855? → **S**

What is the value of the 7 in 37,538? → **U**

What is the value of the 2 in 92,798? → **L**

What is the value of the 7 in 5,731? → **I**

What is the value of the 2 in 7,326? → **H**

What is the value of the 8 in 8,995? → **F**

What is the value of the 4 in 5,405? → **D**

What is the value of the 1 in 197? → **R**

Scratch space:

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

The ring crew splits a stack of championship posters equally among the locker stalls.

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:

$6 \div 1 = \boxed{}$

$121 \div 11 = \boxed{}$

$120 \div 12 = \boxed{}$

$48 \div 4 = \boxed{}$

$20 \div 10 = \boxed{}$

$25 \div 5 = \boxed{}$

$64 \div 8 = \boxed{}$

$30 \div 10 = \boxed{}$

$45 \div 5 = \boxed{}$

$10 \div 10 = \boxed{}$

$35 \div 5 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain locked in a bear hug, then laced up neon boots.
2. The villain executed a suplex slam, then laced up neon boots.
3. The villain delivered a clothesline, then showed off flame tights.
4. The villain landed a dropkick, then adjusted spiked belts.
5. The villain executed a suplex slam, then flashed a gold cloak.
6. The villain locked in a bear hug, then adjusted a silver mask.
7. The villain locked in a bear hug, then adjusted spiked belts.
8. The villain hit an elbow drop, then showed off flame tights.
9. The villain executed a suplex slam, then showed off flame tights.
10. The villain executed a suplex slam, then adjusted spiked belts.
11. The villain delivered a clothesline, then adjusted a silver mask.
12. The villain hit an elbow drop, then laced up neon boots.

Answer Key

The Missing Gold Belt Mystery

Culprit: Mighty Mia

Dropkick · Spiked Belts · Left Handed Stance · Wild Afro · Air Horn

Trail: Start 21 → Clue 1 19 → Clue 2 12 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE CRASHER DID NOT WEAR NEON BOOTS"

$7 \times 3 = 21$ (T) · $5 \times 3 = 15$ (A) · $7 \times 6 = 42$ (H) · $2 \times 11 = 22$ (D) · $4 \times 6 = 24$ (N) · $10 \times 10 = 100$ (C) · $7 \times 2 = 14$ (E) · $7 \times 9 = 63$ (R) · $2 \times 1 = 2$ (W) · $4 \times 2 = 8$ (S) · $10 \times 11 = 110$ (I) · $1 \times 7 = 7$ (O) · $7 \times 12 = 84$ (B)

Clue 2 (Rounding): "THE SUSPECT TAUNTED WITH LEFT HANDED STANCE"

Round 4,593 to the nearest thousand = 5000 (T) · Round 2,305 to the nearest hundred = 2300 (H) · Round 4,321 to the nearest hundred = 4300 (A) · Round 133 to the nearest ten = 130 (L) · Round 426 to the nearest ten = 430 (P) · Round 691 to the nearest hundred = 700 (N) · Round 372 to the nearest ten = 370 (U) · Round 274 to the nearest hundred = 300 (I) · Round 223 to the nearest hundred = 200 (W) · Round 8,580 to the nearest thousand = 9000 (S) · Round 3,227 to the nearest thousand = 3000 (C) · Round 1,251 to the nearest hundred = 1300 (D) · Round 6,987 to the nearest thousand = 7000 (F) · Round 26 to the nearest ten = 30 (E)

Clue 3 (Skip counting): "AN AIR HORN FROZE THE SUSPECT IN PLACE"

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 = 33 (A) · Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 = 8 (N) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 = 25 (R) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, __, 45, 50 = 40 (O) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 = 80 (F) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 = 140 (U) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, __, 40, 45 = 35 (Z) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, __, 28, 30 = 26 (P) · Skip-count by 5s. Fill the blank: 5, 10, __, 20, 25 = 15 (L) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, __, 26, 28 = 24 (I) · Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 = 9 (S) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 = 60 (H) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, __, 30, 33 = 27 (T) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, __, 45, 48 = 42 (C) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, __, 120, 130 = 110 (E)

Clue 4 (Place value): "CURLED AFRO HAIR WAS PULLED OFF CAPE"

What is the value of the 1 in 51,842? = 1000 (C) · What is the value of the 6 in 9,261? = 60 (A) · What is the value of the 5 in 4,539? = 500 (O) · What is the value of the 3 in 1,937? = 30 (P) · What is the value of the 9 in 29,463? = 9000 (E) · What is the value of the 1 in 710? = 10 (W) · What is the value of the 8 in 855? = 800 (S) · What is the value of the 7 in 37,538? = 7000 (U) · What is the value of the 2 in 92,798? = 2000 (L) · What is the value of the 7 in 5,731? = 700 (I) · What is the value of the 2 in 7,326? = 20 (H) · What is the value of the 8 in 8,995? = 8000 (F) · What is the value of the 4 in 5,405? = 400 (D) · What is the value of the 1 in 197? = 100 (R)

Clue 5 (Division facts (1-12)): surviving statement is box 4 → Mighty Mia

$6 \div 1 = 6$ · $121 \div 11 = 11$ · $120 \div 12 = 10$ · $48 \div 4 = 12$ · $20 \div 10 = 2$ · $25 \div 5 = 5$ · $64 \div 8 = 8$ · $30 \div 10 = 3$ · $45 \div 5 = 9$ · $10 \div 10 = 1$ · $35 \div 5 = 7$