The Case of the Missing Championship Trophy

Grade 5 math · Multiplication, Word problems, Multi-step word problems, Skip counting, Division · Reading level grades 3-4

Detective: _____ **Date:** _____

Someone snatched the golden trophy right before the main event at the Grand Slam Arena. Use your math skills to eliminate suspects and find the 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 masked crasher is _____

Possible suspects

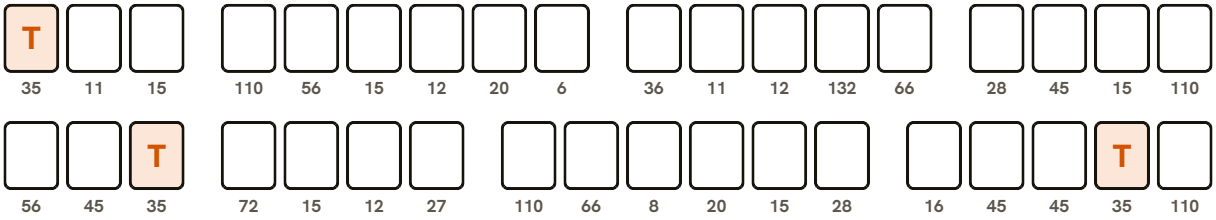
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	SIGNATURE MOVE	RING GEAR	DOMINANT HAND	HAIRSTYLE	DISTRACTION
Rey Mysterio	Piledriver	Neon Mask	Right Handed	Buzzcut Hair	Bright Lights
Bayley Hugger	Clothesline	Golden Belt	Left Handed	Buzzcut Hair	Slippery Ring
Hulk Hogan	Piledriver	Flame Tights	Left Handed	Long Ponytail	Loud Cheering
Kevin Owens	Dropkick	Velvet Cape	Left Handed	Buzzcut Hair	Bright Lights
Bianca Belair	Suplex	Golden Belt	Right Handed	Long Ponytail	Loud Cheering
The Undertaker	Clothesline	Flame Tights	Left Handed	Mohawk Hair	Slippery Ring
Becky Lynch	Dropkick	Velvet Cape	Left Handed	Buzzcut Hair	Slippery Ring
Cody Rhodes	Suplex	Spiked Boots	Left Handed	Buzzcut Hair	Slippery Ring
Mach Man Randy	Body Slam	Velvet Cape	Left Handed	Buzzcut Hair	Slippery Ring
Andre the Giant	Clothesline	Spiked Boots	Right Handed	Long Ponytail	Loud Cheering
Stone Cold Steve	Clothesline	Flame Tights	Right Handed	Long Ponytail	Bright Lights
Asuka Mask	Body Slam	Neon Mask	Right Handed	Mohawk Hair	Slippery Ring
Rhea Ripley	Piledriver	Golden Belt	Right Handed	Mohawk Hair	Slippery Ring
Charlotte Flair	Suplex	Golden Belt	Left Handed	Buzzcut Hair	Loud Cheering
Seth Rollins	Suplex	Neon Mask	Left Handed	Buzzcut Hair	Slippery Ring
Sami Zayn	Dropkick	Golden Belt	Left Handed	Long Ponytail	Slippery Ring
Jey Uso	Body Slam	Flame Tights	Left Handed	Mohawk Hair	Slippery Ring
Drew McIntyre	Body Slam	Velvet Cape	Right Handed	Buzzcut Hair	Slippery Ring
LA Knight	Piledriver	Spiked Boots	Left Handed	Mohawk Hair	Bright Lights
John Cena	Dropkick	Flame Tights	Left Handed	Long Ponytail	Slippery Ring
CM Punk	Body Slam	Velvet Cape	Right Handed	Buzzcut Hair	Bright Lights

CLUE 1 Multiplication facts (1-12)

> The ring announcer counted rows of folding chairs around the arena stage to unlock the first clue vault.

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



5 × 7 = ☐ → T

3 × 5 = ☐ → E

11 × 6 = ☐ → P

2 × 10 = ☐ → K

9 × 3 = ☐ → R

7 × 8 = ☐ → N

9 × 5 = ☐ → O

12 × 3 = ☐ → C

11 × 10 = ☐ → S

12 × 11 = ☐ → M

1 × 8 = ☐ → I

2 × 3 = ☐ → Y

4 × 7 = ☐ → D

2 × 8 = ☐ → B

12 × 1 = ☐ → A

1 × 11 = ☐ → H

8 × 9 = ☐ → W

Scratch space:

CLUE 2 Word problems

A referee checked the locker room inventory list to tally missing championship supplies.

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

A witness saw the villain was

L							D		D
93	25	28	10	27	118	120		25	

.

There were 113 foam fingers. 20 were used up. How many foam fingers are left?

Answer: ☐ → **L**

Ring announcer found 8 championship belts yesterday and 17 more today. How many championship belts in all?

Answer: ☐ → **E**

There were 133 foam fingers. 15 were used up. How many foam fingers are left?

Answer: ☐ → **A**

Ring announcer lined up 4 rows of 7 championship belts. How many championship belts in all?

Answer: ☐ → **F**

Ring announcer lined up 9 rows of 3 folding chairs. How many folding chairs in all?

Answer: ☐ → **H**

Ring announcer lined up 5 rows of 2 folding chairs. How many folding chairs in all?

Answer: ☐ → **T**

Ring announcer lined up 10 rows of 12 folding chairs. How many folding chairs in all?

Answer: ☐ → **N**

Scratch space:

CLUE 3 Multi-step word problems

The arena manager added up souvenir sales and snack boxes across all three match rounds.

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

Someone scared the villain off with

S										N	G
76	57	7	14	14	82	25	60	25	7		

.

Ring announcer collected 159 wrestling masks in the morning and 221 wrestling masks in the afternoon, then split them equally among 5 Slam Squad. How many wrestling masks did each get?

Answer: ☐ → S

Ring announcer collected 26 wrestling masks in the morning and 99 wrestling masks in the afternoon, then split them equally among 5 Slam Squad. How many wrestling masks did each get?

Answer: ☐ → R

There were 169 snack boxes in all. 1 Slam Squad used 5 snack boxes each. The other 2 Slam Squad shared the rest equally. How many snack boxes did each of the other Slam Squad get?

Answer: ☐ → E

There were 262 championship belts in all. 34 championship belts were set aside. The rest were shared equally among 4 Slam Squad. How many championship belts did each get?

Answer: ☐ → L

There were 34 snack boxes in all. 1 Slam Squad used 13 snack boxes each. The other 3 Slam Squad shared the rest equally. How many snack boxes did each of the other Slam Squad get?

Answer: ☐ → I

Ring announcer collected 57 snack boxes in the morning and 27 snack boxes in the afternoon, then split them equally among 6 Slam Squad. How many snack boxes did each get?

Answer: ☐ → P

There were 420 foam fingers in all. 2 Slam Squad used 30 foam fingers each. The other 6 Slam Squad shared the rest equally. How many foam fingers did each of the other Slam Squad get?

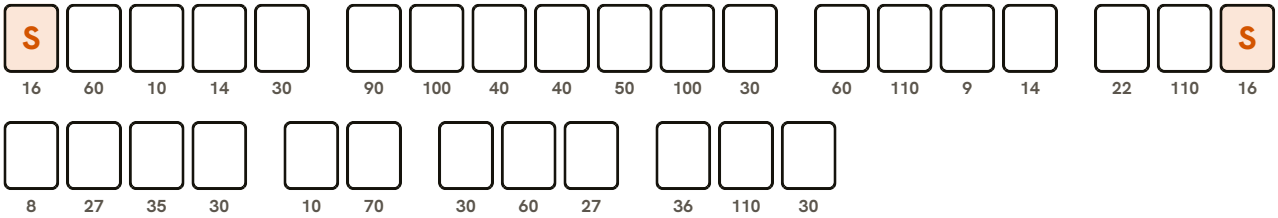
Answer: ☐ → Y

Scratch space:

CLUE 4 Skip counting

The referee counted canvas ring mat taps by equal jumps to reveal the next clue code.

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, 10, 12, 14, ___, 18, 20 ☐ → S

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

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

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

Skip-count by 10s. Fill the blank: 10, 20, 30, ___, 50, 60 ☐ → Z

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, ___, 75, 80 ☐ → N

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

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

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

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, ___, 39, 42 ☐ → M

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

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, 15, 18, 21, 24, ___, 30, 33 ☐ → **E**

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

Scratch space:

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

> The championship crew split energy drink bottles equally among all tag teams.

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:

108 ÷ 12 = ☐ | 56 ÷ 8 = ☐ | 32 ÷ 4 = ☐ | 36 ÷ 9 = ☐ | 11 ÷ 11 = ☐

60 ÷ 5 = ☐ | 44 ÷ 4 = ☐ | 15 ÷ 5 = ☐ | 2 ÷ 1 = ☐ | 45 ÷ 9 = ☐

66 ÷ 11 = ☐

Step 2 - cross out the sentence with each answer:

1. The villain swung a clothesline, then pulled up flame tights.
2. The villain delivered a piledriver, then laced up spiked boots.
3. The villain swung a clothesline, then flourished a velvet cape.
4. The villain landed a body slam, then laced up spiked boots.
5. The villain delivered a piledriver, then adjusted the neon mask.
6. The villain hit a dropkick, then laced up spiked boots.
7. The villain hit a dropkick, then flourished a velvet cape.
8. The villain landed a body slam, then flourished a velvet cape.
9. The villain executed a suplex, then adjusted the neon mask.
10. The villain swung a clothesline, then snagged the golden belt.
11. The villain delivered a piledriver, then flourished a velvet cape.
12. The villain delivered a piledriver, then pulled up flame tights.

TEACHER / PARENT

Answer Key

The Case of the Missing Championship Trophy

Culprit: Bayley Hugger

Clothesline · Golden Belt · Left Handed · Buzzcut Hair · Slippery Ring

Trail: Start 21 → Clue 1 18 → Clue 2 11 → Clue 3 8 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE SNEAKY CHAMP DOES NOT WEAR SPIKED BOOTS"

5 × 7 = 35 (T) · 3 × 5 = 15 (E) · 11 × 6 = 66 (P) · 2 × 10 = 20 (K) · 9 × 3 = 27 (R) · 7 × 8 = 56 (N) · 9 × 5 = 45 (O) · 12 × 3 = 36 (C) · 11 × 10 = 110 (S) · 12 × 11 = 132 (M) · 1 × 8 = 8 (I) · 2 × 3 = 6 (Y) · 4 × 7 = 28 (D) · 2 × 8 = 16 (B) · 12 × 1 = 12 (A) · 1 × 11 = 11 (H) · 8 × 9 = 72 (W)

Clue 2 (Word problems): "LEFT HANDED"

There were 113 foam fingers. 20 were used up. How many foam fingers are left? = 93 (L) · Ring announcer found 8 championship belts yesterday and 17 more today. How many championship belts in all? = 25 (E) · There were 133 foam fingers. 15 were used up. How many foam fingers are left? = 118 (A) · Ring announcer lined up 4 rows of 7 championship belts. How many championship belts in all? = 28 (F) · Ring announcer lined up 9 rows of 3 folding chairs. How many folding chairs in all? = 27 (H) · Ring announcer lined up 5 rows of 2 folding chairs. How many folding chairs in all? = 10 (T) · Ring announcer lined up 10 rows of 12 folding chairs. How many folding chairs in all? = 120 (N)

Clue 3 (Multi-step word problems): "SLIPPERY RING"

Ring announcer collected 159 wrestling masks in the morning and 221 wrestling masks in the afternoon, then split them equally among 5 Slam Squad. How many wrestling masks did each get? = 76 (S) · Ring announcer collected 26 wrestling masks in the morning and 99 wrestling masks in the afternoon, then split them equally among 5 Slam Squad. How many wrestling masks did each get? = 25 (R) · There were 169 snack boxes in all. 1 Slam Squad used 5 snack boxes each. The other 2 Slam Squad shared the rest equally. How many snack boxes did each of the other Slam Squad get? = 82 (E) · There were 262 championship belts in all. 34 championship belts were set aside. The rest were shared equally among 4 Slam Squad. How many championship belts did each get? = 57 (L) · There were 34 snack boxes in all. 1 Slam Squad used 13 snack boxes each. The other 3 Slam Squad shared the rest equally. How many snack boxes did each of the other Slam Squad get? = 7 (I) · Ring announcer collected 57 snack boxes in the morning and 27 snack boxes in the afternoon, then split them equally among 6 Slam Squad. How many snack boxes did each get? = 14 (P) · There were 420 foam fingers in all. 2 Slam Squad used 30 foam fingers each. The other 6 Slam Squad shared the rest equally. How many foam fingers did each of the other Slam Squad get? = 60 (Y)

Clue 4 (Skip counting): "SHORT BUZZCUT HAIR WAS LEFT ON THE MAT"

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, ___, 18, 20 = 16 (S) · Skip-count by 2s. Fill the blank: 2, 4, 6, ___, 10, 12 = 8 (L) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, ___, 24, 26 = 22 (W) · Skip-count by 3s. Fill the blank: 3, 6, ___, 12, 15 = 9 (I) · Skip-count by 10s. Fill the blank: 10, 20, 30, ___, 50, 60 = 40 (Z) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, ___, 35, 40 = 30 (T) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, ___, 75, 80 = 70 (N) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, ___, 16, 18 = 14 (R) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, ___, 120, 130 = 110 (A) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, ___, 40, 45 = 35 (F) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, ___, 110, 120 = 100 (U) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, ___, 12, 14 = 10 (O) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, ___, 39, 42 = 36 (M) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, ___, 100, 110 = 90 (B) · 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, 15, 18, 21, 24, ___, 30, 33 = 27 (E) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, ___, 60, 70 = 50 (C)

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

108 ÷ 12 = 9 · 56 ÷ 8 = 7 · 32 ÷ 4 = 8 · 36 ÷ 9 = 4 · 11 ÷ 11 = 1 · 60 ÷ 5 = 12 · 44 ÷ 4 = 11 · 15 ÷ 5 = 3 · 2 ÷ 1 = 2 · 45 ÷ 9 = 5 · 66 ÷ 11 = 6