The Comic Con Mystery

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

Detective: _____ **Date:** _____

A rare vintage comic page was snatched right off the display stage during Metro City Comic Con! The ink bandit left behind traces of gear and superhero costumes. Decode the clues to catch 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 ink bandit is _____

Possible suspects

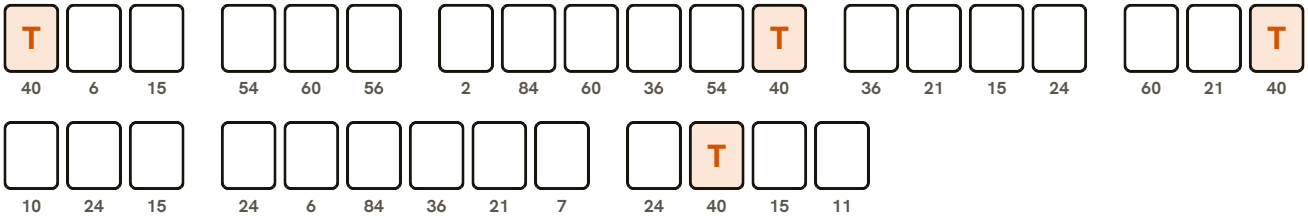
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	GADGET	SUPERPOWER	DOMINANT HAND	WIG COLOR	DISLIKE
Wanda Maxim	Laser Pen	Telepathy	LEFT HANDED	JET BLACK	GARLIC SMELL
Logan Slash	Smoke Bomb	Telepathy	LEFT HANDED	JET BLACK	BRIGHT LIGHTS
Vision Vance	Laser Pen	Shadow Step	RIGHT HANDED	NEON BLUE	BRIGHT LIGHTS
Jean Grey	Gravity Belt	Flight Cape	RIGHT HANDED	JET BLACK	GARLIC SMELL
Ororo Storm	Sonic Ring	Telepathy	LEFT HANDED	JET BLACK	LOUD MUSIC
Hope Van	Smoke Bomb	Shadow Step	LEFT HANDED	JET BLACK	BRIGHT LIGHTS
Barbara Gordon	Freeze Ray	Shadow Step	LEFT HANDED	JET BLACK	LOUD MUSIC
Victor Stone	Freeze Ray	Flight Cape	LEFT HANDED	SPARKS GREEN	GARLIC SMELL
Hal Bright	Smoke Bomb	Super Speed	LEFT HANDED	JET BLACK	GARLIC SMELL
Barry Swift	Sonic Ring	Force Field	LEFT HANDED	SPARKS GREEN	LOUD MUSIC
Tony Starkey	Gravity Belt	Force Field	LEFT HANDED	NEON BLUE	GARLIC SMELL
Miles Quick	Freeze Ray	Telepathy	LEFT HANDED	SPARKS GREEN	LOUD MUSIC
Diana Prince	Freeze Ray	Force Field	LEFT HANDED	NEON BLUE	LOUD MUSIC
Scott Lang	Gravity Belt	Telepathy	LEFT HANDED	NEON BLUE	GARLIC SMELL
Steve Rogers	Freeze Ray	Flight Cape	LEFT HANDED	JET BLACK	GARLIC SMELL
Hank Pym	Freeze Ray	Super Speed	LEFT HANDED	JET BLACK	GARLIC SMELL
Sam Wilson	Smoke Bomb	Flight Cape	LEFT HANDED	SPARKS GREEN	LOUD MUSIC
Arthur Tide	Sonic Ring	Flight Cape	RIGHT HANDED	SPARKS GREEN	GARLIC SMELL
Bruce Vance	Sonic Ring	Shadow Step	LEFT HANDED	JET BLACK	GARLIC SMELL
Natasha Roman	Smoke Bomb	Force Field	RIGHT HANDED	NEON BLUE	BRIGHT LIGHTS
Gwen Stacy	Gravity Belt	Telepathy	RIGHT HANDED	NEON BLUE	LOUD MUSIC

CLUE 1 Multiplication facts (1-12)

> The detective looks at rows of superhero display cases to count the evidence.

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



8 × 5 = ☐ → **T**

3 × 7 = ☐ → **O**

9 × 6 = ☐ → **I**

1 × 7 = ☐ → **W**

2 × 1 = ☐ → **B**

1 × 11 = ☐ → **P**

1 × 6 = ☐ → **H**

3 × 12 = ☐ → **D**

5 × 3 = ☐ → **E**

12 × 5 = ☐ → **N**

10 × 1 = ☐ → **U**

8 × 7 = ☐ → **K**

12 × 2 = ☐ → **S**

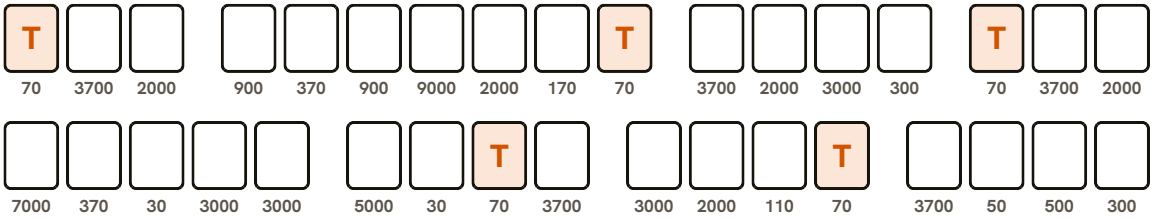
7 × 12 = ☐ → **A**

Scratch space:

CLUE 2 Rounding

A digital security scanner rounds the weight of the suspect's gear.

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



Round 71 to the nearest ten ☐ → T

Round 259 to the nearest hundred ☐ → D

Round 53 to the nearest ten ☐ → A

Round 2,314 to the nearest thousand ☐ → E

Round 475 to the nearest hundred ☐ → N

Round 173 to the nearest ten ☐ → C

Round 371 to the nearest ten ☐ → U

Round 106 to the nearest ten ☐ → F

Round 9,074 to the nearest thousand ☐ → P

Round 881 to the nearest hundred ☐ → S

Round 26 to the nearest ten ☐ → I

Round 3,732 to the nearest hundred ☐ → H

Round 5,126 to the nearest thousand ☐ → W

Round 6,788 to the nearest thousand ☐ → Q

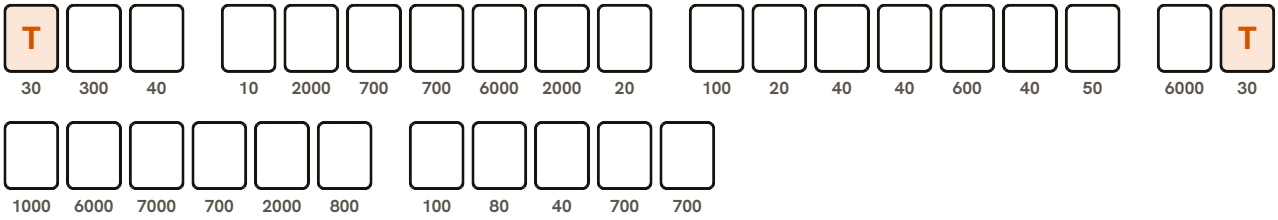
Round 2,777 to the nearest thousand ☐ → L

Scratch space:

CLUE 3 Place value

The vault code screen highlights the key digit value to unlock a clue.

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



What is the value of the 3 in 5,734? ☐ → T

What is the value of the 2 in 42,803? ☐ → I

What is the value of the 1 in 6,413? ☐ → V

What is the value of the 1 in 1,049? ☐ → G

What is the value of the 8 in 833? ☐ → C

What is the value of the 7 in 795? ☐ → L

What is the value of the 3 in 377? ☐ → H

What is the value of the 7 in 17,666? ☐ → R

What is the value of the 6 in 26,921? ☐ → A

What is the value of the 8 in 7,685? ☐ → M

What is the value of the 2 in 129? ☐ → N

What is the value of the 6 in 2,619? ☐ → Z

What is the value of the 4 in 2,845? ☐ → E

What is the value of the 5 in 6,657? ☐ → D

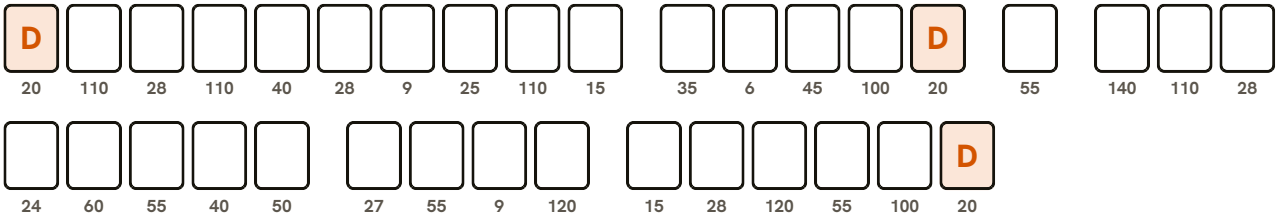
What is the value of the 1 in 109? ☐ → S

Scratch space:

CLUE 4 Skip counting

The detective follows numbered floor tiles that skip count past the booths.

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



Skip-count by 5s. Fill the blank: 5, 10, 15, ___, 25, 30 [ ] → **D**

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

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, ___, 30, 32 [ ] → **T**

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, ___, 30, 35 [ ] → **V**

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, ___, 30, 33 [ ] → **H**

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

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, ___, 70, 80 [ ] → **L**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, ___, 60, 65 [ ] → **A**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, ___, 50, 55 [ ] → **U**

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

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

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, ___, 45, 50 ☐ → C

Scratch space:

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

> The guards split the search area equally into sections to find the next clue.

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:

64 ÷ 8 = ☐	18 ÷ 6 = ☐	10 ÷ 1 = ☐	12 ÷ 1 = ☐	90 ÷ 10 = ☐
20 ÷ 5 = ☐	20 ÷ 4 = ☐	70 ÷ 10 = ☐	6 ÷ 3 = ☐	42 ÷ 7 = ☐
4 ÷ 4 = ☐				

Step 2 - cross out the sentence with each answer:

1. The villain zapped with a laser pen, then soared up using a flight cape.
2. The villain activated a gravity belt, then soared up using a flight cape.
3. The villain zapped with a laser pen, then read minds using telepathy.
4. The villain fired a freeze ray, then read minds using telepathy.
5. The villain fired a freeze ray, then blocked paths with a force field.
6. The villain fired a freeze ray, then vanished using shadow step.
7. The villain blasted a sonic ring, then vanished using shadow step.
8. The villain fired a freeze ray, then soared up using a flight cape.
9. The villain activated a gravity belt, then read minds using telepathy.
10. The villain threw a smoke bomb, then zoomed away with super speed.
11. The villain fired a freeze ray, then zoomed away with super speed.
12. The villain blasted a sonic ring, then soared up using a flight cape.

TEACHER / PARENT

Answer Key

The Comic Con Mystery

Culprit: Hank Pym

Freeze Ray · Super Speed · LEFT HANDED · JET BLACK · GARLIC SMELL

Trail: Start 21 → Clue 1 17 → Clue 2 13 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Multiplication facts (1-12)): "THE INK BANDIT DOES NOT USE SHADOW STEP"

8 × 5 = 40 (T) · 3 × 7 = 21 (O) · 9 × 6 = 54 (I) · 1 × 7 = 7 (W) · 2 × 1 = 2 (B) · 1 × 11 = 11 (P) · 1 × 6 = 6 (H) · 3 × 12 = 36 (D) · 5 × 3 = 15 (E) · 12 × 5 = 60 (N) · 10 × 1 = 10 (U) · 8 × 7 = 56 (K) · 12 × 2 = 24 (S) · 7 × 12 = 84 (A)

Clue 2 (Rounding): "THE SUSPECT HELD THE QUILL WITH LEFT HAND"

Round 71 to the nearest ten = 70 (T) · Round 259 to the nearest hundred = 300 (D) · Round 53 to the nearest ten = 50 (A) · Round 2,314 to the nearest thousand = 2000 (E) · Round 475 to the nearest hundred = 500 (N) · Round 173 to the nearest ten = 170 (C) · Round 371 to the nearest ten = 370 (U) · Round 106 to the nearest ten = 110 (F) · Round 9,074 to the nearest thousand = 9000 (P) · Round 881 to the nearest hundred = 900 (S) · Round 26 to the nearest ten = 30 (I) · Round 3,732 to the nearest hundred = 3700 (H) · Round 5,126 to the nearest thousand = 5000 (W) · Round 6,788 to the nearest thousand = 7000 (Q) · Round 2,777 to the nearest thousand = 3000 (L)

Clue 3 (Place value): "THE VILLAIN SNEEZED AT GARLIC SMELL"

What is the value of the 3 in 5,734? = 30 (T) · What is the value of the 2 in 42,803? = 2000 (I) · What is the value of the 1 in 6,413? = 10 (V) · What is the value of the 1 in 1,049? = 1000 (G) · What is the value of the 8 in 833? = 800 (C) · What is the value of the 7 in 795? = 700 (L) · What is the value of the 3 in 377? = 300 (H) · What is the value of the 7 in 17,666? = 7000 (R) · What is the value of the 6 in 26,921? = 6000 (A) · What is the value of the 8 in 7,685? = 80 (M) · What is the value of the 2 in 129? = 20 (N) · What is the value of the 6 in 2,619? = 600 (Z) · What is the value of the 4 in 2,845? = 40 (E) · What is the value of the 5 in 6,657? = 50 (D) · What is the value of the 1 in 109? = 100 (S)

Clue 4 (Skip counting): "DETECTIVES FOUND A JET BLACK HAIR STRAND"

Skip-count by 5s. Fill the blank: 5, 10, 15, ___, 25, 30 = 20 (D) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, ___, 26, 28 = 24 (B) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, ___, 40, 45 = 35 (F) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, ___, 30, 32 = 28 (T) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, ___, 120, 130 = 110 (E) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, ___, 110, 120 = 100 (N) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, ___, 30, 35 = 25 (V) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, ___, 150, 160 = 140 (J) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, ___, 30, 33 = 27 (H) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, ___, 18, 21 = 15 (S) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, ___, 70, 80 = 60 (L) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, ___, 60, 65 = 55 (A) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, ___, 50, 55 = 45 (U) · Skip-count by 3s. Fill the blank: 3, 6, ___, 12, 15 = 9 (I) · Skip-count by 2s. Fill the blank: 2, 4, ___, 8, 10 = 6 (O) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, ___, 130, 140 = 120 (R) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, ___, 60, 70 = 50 (K) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, ___, 45, 50 = 40 (C)

Clue 5 (Division facts (1-12)): surviving statement is box 11 → Hank Pym

64 ÷ 8 = 8 · 18 ÷ 6 = 3 · 10 ÷ 1 = 10 · 12 ÷ 1 = 12 · 90 ÷ 10 = 9 · 20 ÷ 5 = 4 · 20 ÷ 4 = 5 · 70 ÷ 10 = 7 · 6 ÷ 3 = 2 · 42 ÷ 7 = 6 · 4 ÷ 4 = 1