# The Helicarrier Heist

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

**Detective:** _____ **Date:** _____

An intruder has breached the S.H.I.E.L.D. Helicarrier and stolen a glowing vibranium reactor. Nick Fury needs you to scan the clues, solve the puzzles, and identify the thief!

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 rogue agent is** _____

## Possible suspects

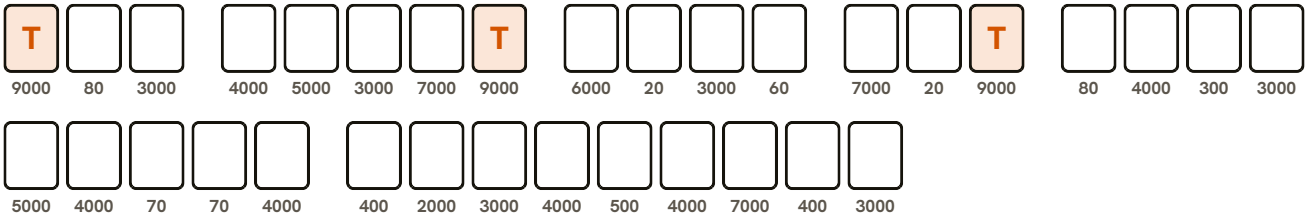
Cross off a row as each clue rules it out. The one left at the end is the culprit.

| NAME | PRIMARY GADGET | SECURITY CLEARANCE | ACTION STANCE | DISGUISE HAIR COLOR | GEAR VULNERABILITY |
|---|---|---|---|---|---|
| **Drax** | laser goggles | omega clearance | right handed combat | jet black wig | loud whistle |
| **Carol Danvers** | gravity boots | beta clearance | right handed combat | neon blue wig | loud whistle |
| **T Challa** | hologram belt | alpha clearance | right handed combat | jet black wig | water splash |
| **Danny Rand** | sonic blaster | alpha clearance | right handed combat | bright red wig | magnet pull |
| **Matt Murdock** | gravity boots | gamma clearance | right handed combat | jet black wig | magnet pull |
| **Wanda Maximoff** | hologram belt | delta clearance | right handed combat | bright red wig | water splash |
| **Sam Wilson** | laser goggles | alpha clearance | left handed combat | neon blue wig | magnet pull |
| **Stephen Strange** | magnetic gloves | beta clearance | left handed combat | neon blue wig | water splash |
| **Bucky Barnes** | magnetic gloves | omega clearance | left handed combat | jet black wig | water splash |
| **Hope van Dyne** | laser goggles | beta clearance | left handed combat | bright red wig | magnet pull |
| **Steve Rogers** | hologram belt | beta clearance | left handed combat | bright red wig | magnet pull |
| **Bruce Banner** | laser goggles | gamma clearance | right handed combat | neon blue wig | loud whistle |
| **Thor Odinson** | laser goggles | delta clearance | left handed combat | bright red wig | loud whistle |
| **Gamora** | laser goggles | delta clearance | right handed combat | jet black wig | loud whistle |
| **Jessica Jones** | magnetic gloves | beta clearance | left handed combat | bright red wig | magnet pull |
| **Natasha Romanoff** | sonic blaster | delta clearance | left handed combat | jet black wig | magnet pull |
| **Scott Lang** | hologram belt | gamma clearance | left handed combat | bright red wig | magnet pull |
| **Kamala Khan** | gravity boots | alpha clearance | right handed combat | bright red wig | magnet pull |
| **Peter Parker** | hologram belt | alpha clearance | left handed combat | bright red wig | magnet pull |
| **Clint Barton** | gravity boots | delta clearance | right handed combat | jet black wig | water splash |
| **Tony Stark** | hologram belt | alpha clearance | left handed combat | neon blue wig | loud whistle |

## CLUE 1 Rounding

S.H.I.E.L.D. radar detected energy waves, but the screens only show numbers rounded to the nearest ten.

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




Round 8,887 to the nearest thousand ☐ → **T**

Round 5,875 to the nearest thousand ☐ → **D**

Round 73 to the nearest ten ☐ → **M**

Round 254 to the nearest hundred ☐ → **V**

Round 476 to the nearest hundred ☐ → **R**

Round 386 to the nearest hundred ☐ → **C**

Round 56 to the nearest ten ☐ → **S**

Round 2,436 to the nearest thousand ☐ → **L**

Round 5,022 to the nearest thousand ☐ → **G**

Round 7,039 to the nearest thousand ☐ → **N**

Round 82 to the nearest ten ☐ → **H**

Round 23 to the nearest ten ☐ → **O**

Round 2,828 to the nearest thousand ☐ → **E**

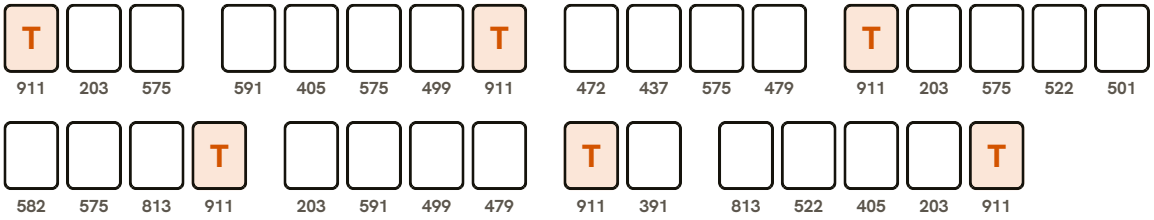
Round 3,545 to the nearest thousand ☐ → **A**

Scratch space:

## CLUE 2 Addition

We must count all the spare vibranium batteries left in the storage crates to find the missing batch.

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



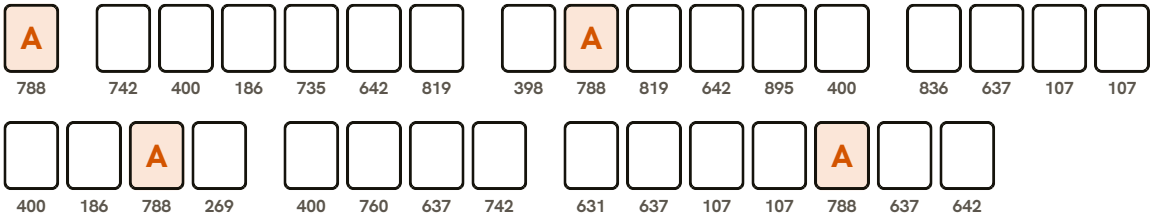

| | | |
|---|---|---|
| 454 + 457 = ☐ → T | 215 + 360 = ☐ → E | 186 + 219 = ☐ → G |
| 266 + 125 = ☐ → O | 168 + 333 = ☐ → R | 567 + 246 = ☐ → F |
| 217 + 365 = ☐ → L | 121 + 82 = ☐ → H | 297 + 140 = ☐ → S |
| 347 + 152 = ☐ → N | 198 + 393 = ☐ → A | 364 + 158 = ☐ → I |
| 313 + 166 = ☐ → D | 153 + 319 = ☐ → U | |

Scratch space:

## CLUE 3 Subtraction

> The escaping villain dropped some tracking beacon devices, leaving us with fewer signals to follow.

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




1160 - 372 = ☐ → A

776 - 16 = ☐ → H

872 - 230 = ☐ → N

693 - 293 = ☐ → T

298 - 29 = ☐ → P

894 - 58 = ☐ → W

896 - 1 = ☐ → E

1062 - 243 = ☐ → G

965 - 334 = ☐ → V

444 - 258 = ☐ → R

661 - 24 = ☐ → I

1047 - 305 = ☐ → S

820 - 85 = ☐ → O

365 - 258 = ☐ → L

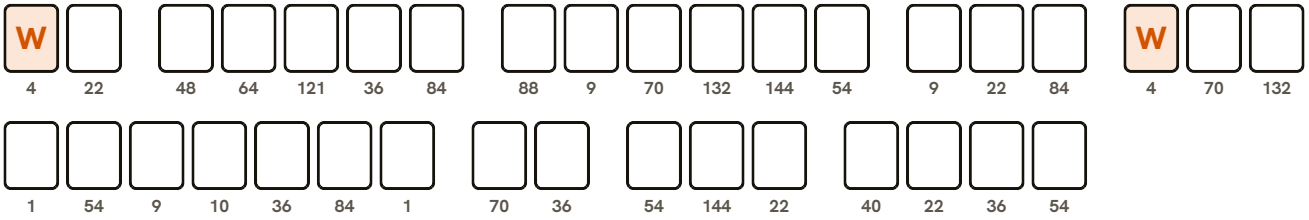
705 - 307 = ☐ → M

Scratch space:

## CLUE 4 Multiplication facts (1-12)

> We spotted several identical supply boxes stacked in rows of three, and we must find the total count.

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




| | | |
|---|---|---|
| 4 × 1 = ☐ → W | 9 × 6 = ☐ → T | 12 × 12 = ☐ → H |
| 4 × 9 = ☐ → N | 2 × 11 = ☐ → E | 8 × 8 = ☐ → O |
| 11 × 11 = ☐ → U | 7 × 12 = ☐ → D | 4 × 12 = ☐ → F |
| 7 × 10 = ☐ → I | 1 × 10 = ☐ → A | 8 × 11 = ☐ → B |
| 1 × 1 = ☐ → S | 12 × 11 = ☐ → G | 5 × 8 = ☐ → V |
| 9 × 1 = ☐ → R | | |

Scratch space:

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

> Tony Stark wants to share the remaining tracking sensors equally among our strike 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:**

8 ÷ 4 = ☐ | 7 ÷ 7 = ☐ | 24 ÷ 6 = ☐ | 48 ÷ 4 = ☐ | 60 ÷ 6 = ☐

15 ÷ 5 = ☐ | 63 ÷ 7 = ☐ | 12 ÷ 2 = ☐ | 22 ÷ 2 = ☐ | 63 ÷ 9 = ☐

64 ÷ 8 = ☐

**Step 2 - cross out the sentence with each answer:**

1. The villain melted the thick steel door with laser goggles, then unlocked the beta level control panel.
2. The villain fooled the security cameras with a hologram belt, then unlocked the beta level control panel.
3. The villain floated up to the ceiling with gravity boots, then disabled the delta level alarm grid.
4. The villain climbed the metal walls with magnetic gloves, then unlocked the beta level control panel.
5. The villain fooled the security cameras with a hologram belt, then bypassed the alpha level firewall.
6. The villain fooled the security cameras with a hologram belt, then disabled the delta level alarm grid.
7. The villain shattered the vault window with a sonic blaster, then hacked the omega level mainframe.
8. The villain floated up to the ceiling with gravity boots, then hacked the omega level mainframe.
9. The villain melted the thick steel door with laser goggles, then swiped the gamma level energy core.
10. The villain shattered the vault window with a sonic blaster, then swiped the gamma level energy core.
11. The villain climbed the metal walls with magnetic gloves, then disabled the delta level alarm grid.
12. The villain melted the thick steel door with laser goggles, then hacked the omega level mainframe.

TEACHER / PARENT

# Answer Key

The Helicarrier Heist

## Culprit: Peter Parker

hologram belt · alpha clearance · left handed combat · bright red wig · magnet pull

Trail: Start 21 → Clue 1 18 → Clue 2 10 → Clue 3 6 → Clue 4 4 → Clue 5 1

### Clue 1 (Rounding): "THE AGENT DOES NOT HAVE GAMMA CLEARANCE"

Round 8,887 to the nearest thousand = 9000 (T) · Round 5,875 to the nearest thousand = 6000 (D) · Round 73 to the nearest ten = 70 (M) · Round 254 to the nearest hundred = 300 (V) · Round 476 to the nearest hundred = 500 (R) · Round 386 to the nearest hundred = 400 (C) · Round 56 to the nearest ten = 60 (S) · Round 2,436 to the nearest thousand = 2000 (L) · Round 5,022 to the nearest thousand = 5000 (G) · Round 7,039 to the nearest thousand = 7000 (N) · Round 82 to the nearest ten = 80 (H) · Round 23 to the nearest ten = 20 (O) · Round 2,828 to the nearest thousand = 3000 (E) · Round 3,545 to the nearest thousand = 4000 (A)

### Clue 2 (Addition): "THE AGENT USED THEIR LEFT HAND TO FIGHT"

454 + 457 = 911 (T) · 215 + 360 = 575 (E) · 186 + 219 = 405 (G) · 266 + 125 = 391 (O) · 168 + 333 = 501 (R) · 567 + 246 = 813 (F) · 217 + 365 = 582 (L) · 121 + 82 = 203 (H) · 297 + 140 = 437 (S) · 347 + 152 = 499 (N) · 198 + 393 = 591 (A) · 364 + 158 = 522 (I) · 313 + 166 = 479 (D) · 153 + 319 = 472 (U)

### Clue 3 (Subtraction): "A STRONG MAGNET WILL TRAP THIS VILLAIN"

1160 - 372 = 788 (A) · 776 - 16 = 760 (H) · 872 - 230 = 642 (N) · 693 - 293 = 400 (T) · 298 - 29 = 269 (P) · 894 - 58 = 836 (W) · 896 - 1 = 895 (E) · 1062 - 243 = 819 (G) · 965 - 334 = 631 (V) · 444 - 258 = 186 (R) · 661 - 24 = 637 (I) · 1047 - 305 = 742 (S) · 820 - 85 = 735 (O) · 365 - 258 = 107 (L) · 705 - 307 = 398 (M)

### Clue 4 (Multiplication facts (1-12)): "WE FOUND BRIGHT RED WIG STRANDS IN THE VENT"

4 × 1 = 4 (W) · 9 × 6 = 54 (T) · 12 × 12 = 144 (H) · 4 × 9 = 36 (N) · 2 × 11 = 22 (E) · 8 × 8 = 64 (O) · 11 × 11 = 121 (U) · 7 × 12 = 84 (D) · 4 × 12 = 48 (F) · 7 × 10 = 70 (I) · 1 × 10 = 10 (A) · 8 × 11 = 88 (B) · 1 × 1 = 1 (S) · 12 × 11 = 132 (G) · 5 × 8 = 40 (V) · 9 × 1 = 9 (R)

### Clue 5 (Division facts (1-12)): surviving statement is box 5 → Peter Parker

8 ÷ 4 = 2 · 7 ÷ 7 = 1 · 24 ÷ 6 = 4 · 48 ÷ 4 = 12 · 60 ÷ 6 = 10 · 15 ÷ 5 = 3 · 63 ÷ 7 = 9 · 12 ÷ 2 = 6 · 22 ÷ 2 = 11 · 63 ÷ 9 = 7 · 64 ÷ 8 = 8