The Case of the Missing Codex

Grade 5 math · Place value, Rounding, Skip counting, Addition, Division · Reading level grades 5-6

Detective: _____ **Date:** _____

The Grand Codex of Whispering Isles has vanished from the High Conservatory. Someone breached the library wards and stole the legendary spellbook before midnight.

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 book thief is _____

Possible suspects

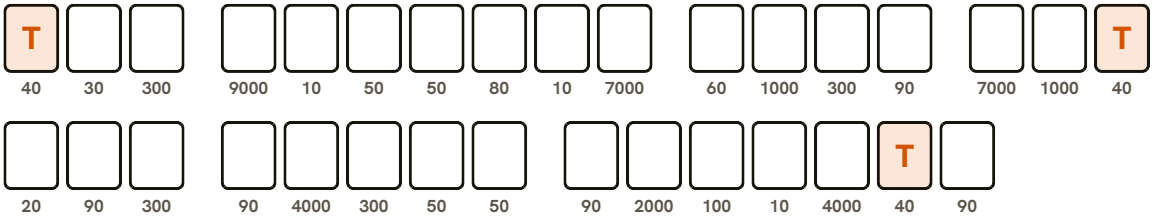
Cross off a row as each clue rules it out. The one left at the end is the culprit.

NAME	MAIN MAGIC	SECONDARY MAGIC	DOMINANT HAND	HAIR STYLE	MAGICAL WEAKNESS
Jasper Moon	FAERIE GLOW	BEAST WHISPER	LEFT HANDED	COPPER CURLS	SUN FLOWER
Archmage Elara	FAERIE GLOW	FLIGHT MANTLE	RIGHT HANDED	SILVER LOCKS	SUN FLOWER
Gideon Grim	TALISMAN CHARM	SPELL SCRIPTS	LEFT HANDED	SILVER LOCKS	COLD IRON
Gwen Shadow	DRAGON FIRE	SPELL SCRIPTS	RIGHT HANDED	COPPER CURLS	COLD IRON
Lyra Song	DRAGON FIRE	BEAST WHISPER	RIGHT HANDED	COPPER CURLS	COLD IRON
Ignis Pyre	DRAGON FIRE	SPELL SCRIPTS	LEFT HANDED	EMERALD BRAIDS	MOON POWDER
Seraphina Frost	DRAGON FIRE	SHADOW CLOAK	RIGHT HANDED	SILVER LOCKS	MOON POWDER
Orion Sage	HEX WEAVING	STAR SHIELD	RIGHT HANDED	COPPER CURLS	MOON POWDER
Vesper Willow	FAERIE GLOW	SPELL SCRIPTS	LEFT HANDED	EMERALD BRAIDS	MOON POWDER
Astrid Starling	DRAGON FIRE	FLIGHT MANTLE	LEFT HANDED	EMERALD BRAIDS	COLD IRON
Fiona Fern	HEX WEAVING	STAR SHIELD	RIGHT HANDED	COPPER CURLS	COLD IRON
Sylas Thorn	DRAGON FIRE	BEAST WHISPER	LEFT HANDED	COPPER CURLS	MOON POWDER
Cassian Raven	DRAGON FIRE	FLIGHT MANTLE	LEFT HANDED	SILVER LOCKS	SUN FLOWER
Hazel Whispers	RUNE MAGIC	FLIGHT MANTLE	RIGHT HANDED	EMERALD BRAIDS	COLD IRON
Thorne Oak	DRAGON FIRE	BEAST WHISPER	RIGHT HANDED	EMERALD BRAIDS	MOON POWDER
Oberon Vale	FAERIE GLOW	FLIGHT MANTLE	RIGHT HANDED	EMERALD BRAIDS	COLD IRON
Zephyr Bramble	FAERIE GLOW	STAR SHIELD	RIGHT HANDED	COPPER CURLS	COLD IRON
Coralia Waverly	FAERIE GLOW	SPELL SCRIPTS	LEFT HANDED	COPPER CURLS	MOON POWDER
Lady Rowena	FAERIE GLOW	BEAST WHISPER	LEFT HANDED	COPPER CURLS	COLD IRON
Professor Balthazar	TALISMAN CHARM	SHADOW CLOAK	LEFT HANDED	COPPER CURLS	MOON POWDER
Rowan Ash	DRAGON FIRE	STAR SHIELD	RIGHT HANDED	COPPER CURLS	COLD IRON

CLUE 1 Place value

You examine the library ledger and analyze the digits in the magic catalog system to unlock the first clue.

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



What is the value of the 4 in 205,743? ☐ → T

What is the value of the 9 in 76,391? ☐ → S

What is the value of the 1 in 933,916? ☐ → I

What is the value of the 2 in 12,888? ☐ → C

What is the value of the 1 in 251,320? ☐ → O

What is the value of the 7 in 407,241? ☐ → N

What is the value of the 5 in 164,959? ☐ → L

What is the value of the 3 in 97,371? ☐ → E

What is the value of the 2 in 156,327? ☐ → U

What is the value of the 8 in 657,384? ☐ → A

What is the value of the 3 in 948,934? ☐ → H

What is the value of the 4 in 974,350? ☐ → P

What is the value of the 6 in 437,765? ☐ → D

What is the value of the 9 in 89,864? ☐ → V

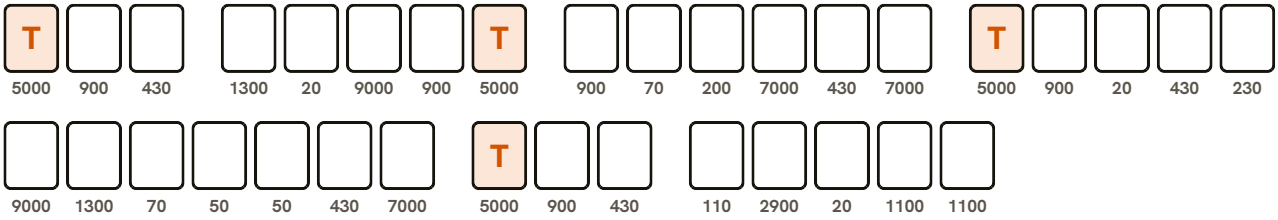
What is the value of the 1 in 95,198? ☐ → R

Scratch space:

CLUE 2 Rounding

A shimmering crystal sphere only displays rounded power levels on its glowing surface.

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



Round 4,853 to the nearest thousand ☐ → T

Round 1,349 to the nearest hundred ☐ → R

Round 72 to the nearest ten ☐ → A

Round 49 to the nearest ten ☐ → B

Round 855 to the nearest hundred ☐ → H

Round 229 to the nearest hundred ☐ → N

Round 427 to the nearest ten ☐ → E

Round 9,394 to the nearest thousand ☐ → G

Round 2,863 to the nearest hundred ☐ → U

Round 1,051 to the nearest hundred ☐ → L

Round 6,645 to the nearest thousand ☐ → D

Round 106 to the nearest ten ☐ → Q

Round 234 to the nearest ten ☐ → F

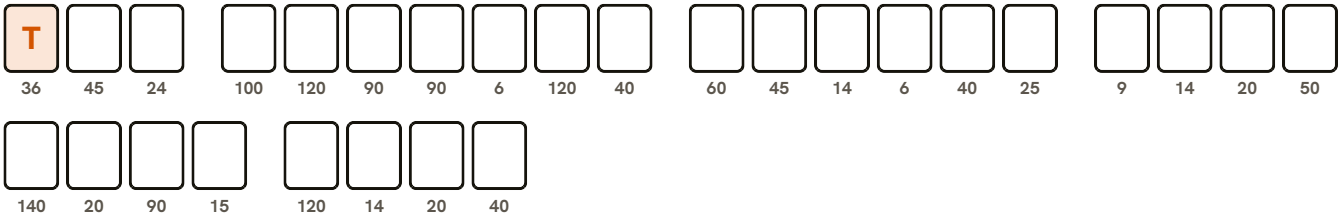
Round 23 to the nearest ten ☐ → I

Scratch space:

CLUE 3 Skip counting

Walking down the enchanted bookshelf aisle, you count the ancient tomes in rhythmic patterns.

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



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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, ___, 18, 21 ☐ → D

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

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

Skip-count by 5s. Fill the blank: 5, 10, 15, ___, 25, 30 ☐ → O

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

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, ___, 50, 55 ☐ → H

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

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

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, 110, ___, 130, 140 ☐ → I

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

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

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

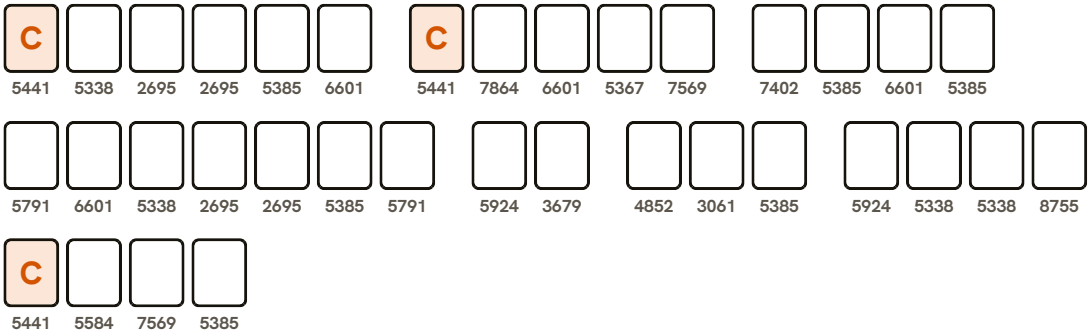
Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, ___, 26, 28 ☐ → **E**

Scratch space:

CLUE 4 Addition

You combine the scattered potion pages left behind at the crime scene to total up the evidence.

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



2997 + 2444 = ☐ → C

3791 + 1793 = ☐ → A

4137 + 3432 = ☐ → S

2074 + 987 = ☐ → H

1147 + 2532 = ☐ → Y

1816 + 879 = ☐ → P

4812 + 2590 = ☐ → W

4542 + 2059 = ☐ → R

3390 + 2534 = ☐ → B

3466 + 5289 = ☐ → K

3577 + 1808 = ☐ → E

1692 + 3160 = ☐ → T

2433 + 2934 = ☐ → L

3597 + 2194 = ☐ → D

2604 + 2734 = ☐ → O

5346 + 2518 = ☐ → U

Scratch space:

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

To clear the magical seal on the vault, you divide the enchanted gemstones equally into velvet pouches.

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:

20 ÷ 4 = ☐	144 ÷ 12 = ☐	22 ÷ 2 = ☐	20 ÷ 10 = ☐	36 ÷ 12 = ☐
20 ÷ 5 = ☐	24 ÷ 3 = ☐	56 ÷ 8 = ☐	4 ÷ 4 = ☐	10 ÷ 1 = ☐
45 ÷ 5 = ☐				

Step 2 - cross out the sentence with each answer:

1. The villain charged a glowing talisman, then vanished in the shadow cloak.
2. The villain wove a tricky hex, then read from the spell scripts.
3. The villain carved a powerful rune, then raised the star shield.
4. The villain carved a powerful rune, then vanished in the shadow cloak.
5. The villain ignited ancient dragon fire, then raised the star shield.
6. The villain ignited ancient dragon fire, then called out with beast whisper.
7. The villain wove a tricky hex, then called out with beast whisper.
8. The villain charged a glowing talisman, then read from the spell scripts.
9. The villain channeled bright faerie glow, then vanished in the shadow cloak.
10. The villain ignited ancient dragon fire, then donned the flight mantle.
11. The villain wove a tricky hex, then raised the star shield.
12. The villain channeled bright faerie glow, then raised the star shield.

TEACHER / PARENT

Answer Key

The Case of the Missing Codex

Culprit: Lyra Song

DRAGON FIRE · BEAST WHISPER · RIGHT HANDED · COPPER CURLS · COLD IRON

Trail: Start 21 → Clue 1 16 → Clue 2 10 → Clue 3 6 → Clue 4 4 → Clue 5 1

Clue 1 (Place value): "THE VILLAIN DOES NOT USE SPELL SCRIPTS"

What is the value of the 4 in 205,743? = 40 (T) · What is the value of the 9 in 76,391? = 90 (S) · What is the value of the 1 in 933,916? = 10 (I) · What is the value of the 2 in 12,888? = 2000 (C) · What is the value of the 1 in 251,320? = 1000 (O) · What is the value of the 7 in 407,241? = 7000 (N) · What is the value of the 5 in 164,959? = 50 (L) · What is the value of the 3 in 97,371? = 300 (E) · What is the value of the 2 in 156,327? = 20 (U) · What is the value of the 8 in 657,384? = 80 (A) · What is the value of the 3 in 948,934? = 30 (H) · What is the value of the 4 in 974,350? = 4000 (P) · What is the value of the 6 in 437,765? = 60 (D) · What is the value of the 9 in 89,864? = 9000 (V) · What is the value of the 1 in 95,198? = 100 (R)

Clue 2 (Rounding): "THE RIGHT HANDED THIEF GRABBED THE QUILL"

Round 4,853 to the nearest thousand = 5000 (T) · Round 1,349 to the nearest hundred = 1300 (R) · Round 72 to the nearest ten = 70 (A) · Round 49 to the nearest ten = 50 (B) · Round 855 to the nearest hundred = 900 (H) · Round 229 to the nearest hundred = 200 (N) · Round 427 to the nearest ten = 430 (E) · Round 9,394 to the nearest thousand = 9000 (G) · Round 2,863 to the nearest hundred = 2900 (U) · Round 1,051 to the nearest hundred = 1100 (L) · Round 6,645 to the nearest thousand = 7000 (D) · Round 106 to the nearest ten = 110 (Q) · Round 234 to the nearest ten = 230 (F) · Round 23 to the nearest ten = 20 (I)

Clue 3 (Skip counting): "THE VILLAIN SHRANK FROM COLD IRON"

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

Clue 4 (Addition): "COPPER CURLS WERE DROPPED BY THE BOOK CASE"

2997 + 2444 = 5441 (C) · 3791 + 1793 = 5584 (A) · 4137 + 3432 = 7569 (S) · 2074 + 987 = 3061 (H) · 1147 + 2532 = 3679 (Y) · 1816 + 879 = 2695 (P) · 4812 + 2590 = 7402 (W) · 4542 + 2059 = 6601 (R) · 3390 + 2534 = 5924 (B) · 3466 + 5289 = 8755 (K) · 3577 + 1808 = 5385 (E) · 1692 + 3160 = 4852 (T) · 2433 + 2934 = 5367 (L) · 3597 + 2194 = 5791 (D) · 2604 + 2734 = 5338 (O) · 5346 + 2518 = 7864 (U)

Clue 5 (Division facts (1-12)): surviving statement is box 6 → Lyra Song

20 ÷ 4 = 5 · 144 ÷ 12 = 12 · 22 ÷ 2 = 11 · 20 ÷ 10 = 2 · 36 ÷ 12 = 3 · 20 ÷ 5 = 4 · 24 ÷ 3 = 8 · 56 ÷ 8 = 7 · 4 ÷ 4 = 1 · 10 ÷ 1 = 10 · 45 ÷ 5 = 9