



The Stolen Power Star

Grade 4 math · Addition, Subtraction, Skip counting, Rounding, Division · Reading level grades 1-2

Detective: _____ Date: _____

Oh no! A sneaky rogue imposter has stolen the Royal Power Star from the Mushroom Kingdom Castle. Princess Peach needs your help to track down the thief before they escape down a green pipe!

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 imposter is _____

Possible suspects

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

NAME	POWER-UP	SPECIAL ITEM	THROW HAND	CAP COLOR	BATTLE OBSTACLE
Toad	Spin Attack	Dash Boot	Right-Handed Throw	Green Cap	Banana Peel
Captain Toad	Fireball Toss	Yoshi Ride	Right-Handed Throw	Green Cap	Spiny Shell
Yoshi	Spin Attack	Metal Skin	Left-Handed Throw	Yellow Cap	Banana Peel
Paper Mario	Spin Attack	Double Double	Left-Handed Throw	Yellow Cap	Banana Peel
Luigi	Ice Freeze	Double Double	Left-Handed Throw	Yellow Cap	Banana Peel
Green Yoshi	Spin Attack	Double Double	Left-Handed Throw	Yellow Cap	Bob-omb Blast
Mallow	Super Jump	Double Double	Right-Handed Throw	Yellow Cap	Bob-omb Blast
Professor Elvin	Fireball Toss	Double Double	Right-Handed Throw	Yellow Cap	Spiny Shell
Pink Yoshi	Super Jump	Double Double	Left-Handed Throw	Red Cap	Banana Peel
Toadette	Super Jump	Double Double	Left-Handed Throw	Yellow Cap	Spiny Shell
Koopa Troopa	Super Jump	Dash Boot	Left-Handed Throw	Yellow Cap	Banana Peel
Peachette	Cape Glide	Mini Mushroom	Left-Handed Throw	Red Cap	Bob-omb Blast
Shy Guy	Fireball Toss	Double Double	Left-Handed Throw	Yellow Cap	Spiny Shell
Mario	Spin Attack	Double Double	Right-Handed Throw	Red Cap	Banana Peel
Waluigi	Cape Glide	Metal Skin	Left-Handed Throw	Green Cap	Bob-omb Blast
Blue Toad	Cape Glide	Double Double	Left-Handed Throw	Yellow Cap	Spiny Shell
Bowser Jr	Spin Attack	Metal Skin	Left-Handed Throw	Yellow Cap	Spiny Shell
Geno	Fireball Toss	Metal Skin	Right-Handed Throw	Red Cap	Banana Peel
Stanley	Fireball Toss	Yoshi Ride	Left-Handed Throw	Green Cap	Spiny Shell
Kamek	Cape Glide	Mini Mushroom	Right-Handed Throw	Green Cap	Spiny Shell
Boshi	Cape Glide	Mini Mushroom	Left-Handed Throw	Yellow Cap	Spiny Shell

CLUE 1

Addition

Toad counted some red coins. Then he added the yellow coins to the pile. Help him find the total.

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

T 6716	9587	2114	T 6716	9587	7063	2114	7093	7108	6966	2114	9520	5819	6966	T 6716	7089	9520	2114	3869
6134	7063	5819	7063	6134	7089	9520	9587	8712	6966	6966	6134							

$4000 + 2716 = \square \rightarrow \text{T}$

$2467 + 4596 = \square \rightarrow \text{I}$

$880 + 1234 = \square \rightarrow \text{E}$

$5152 + 4368 = \square \rightarrow \text{S}$

$2975 + 4133 = \square \rightarrow \text{D}$

$4844 + 3868 = \square \rightarrow \text{R}$

$2455 + 1414 = \square \rightarrow \text{A}$

$2995 + 2824 = \square \rightarrow \text{N}$

$3070 + 4023 = \square \rightarrow \text{F}$

$2869 + 4220 = \square \rightarrow \text{U}$

$5126 + 4461 = \square \rightarrow \text{H}$

$2828 + 4138 = \square \rightarrow \text{O}$

$2777 + 3357 = \square \rightarrow \text{M}$

Scratch space:

CLUE 2

Subtraction

Yoshi had a big bunch of sweet melons. A hungry Goomba ate some of them. Let us find how many are left.

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

T										T	T																			
1983	5383	4579	7531	8138	7531	2259	4579	5337	1983	1983	5383	2687	4579	7076	5275															
													T																	
3896	7006	7006	2259	5275	7531	5383	4579	6074	6074	6074	4579	8811	1983	5383	5275	4124	3821	4579	3821											

$$4467 - 2484 = \boxed{} \rightarrow \boxed{\text{T}}$$

$$7826 - 4005 = \boxed{} \rightarrow \boxed{\text{D}}$$

$$3730 - 1471 = \boxed{} \rightarrow \boxed{\text{P}}$$

$$10812 - 2674 = \boxed{} \rightarrow \boxed{\text{U}}$$

$$12936 - 4125 = \boxed{} \rightarrow \boxed{\text{F}}$$

$$5428 - 849 = \boxed{} \rightarrow \boxed{\text{E}}$$

$$9933 - 4596 = \boxed{} \rightarrow \boxed{\text{C}}$$

$$11061 - 4987 = \boxed{} \rightarrow \boxed{\text{L}}$$

$$4429 - 533 = \boxed{} \rightarrow \boxed{\text{K}}$$

$$4646 - 522 = \boxed{} \rightarrow \boxed{\text{N}}$$

$$10451 - 3445 = \boxed{} \rightarrow \boxed{\text{O}}$$

$$8151 - 2876 = \boxed{} \rightarrow \boxed{\text{A}}$$

$$10777 - 3246 = \boxed{} \rightarrow \boxed{\text{S}}$$

$$7938 - 862 = \boxed{} \rightarrow \boxed{\text{W}}$$

$$10046 - 4663 = \boxed{} \rightarrow \boxed{\text{H}}$$

$$6113 - 3426 = \boxed{} \rightarrow \boxed{\text{R}}$$

Scratch space:

CLUE 3 Skip counting

Luigi sees rows of brick blocks in the sky. He jumps and counts them by fives. Help him count the blocks.

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

T																			
25	6	50	100	12	130	130	35	12	65	21	35	27	25	20	12	26	26	50	39

14	60	35	27	26	12	65	60	27	6	50	130	130							

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

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

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, __, 140, 150 → **L**

Skip-count by 5s. Fill the blank: 5, 10, 15, __, 25, 30 → **R**

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, __, 16, 18 → **B**

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, 15, 20, 25, 30, __, 40, 45 → **A**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 → **N**

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, __, 14, 16 → **I**

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, __, 55, 60 → **E**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, __, 42, 45 → **D**

Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, __, 70, 80 → **Y**

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, __, 24, 27 → **W**

Skip-count by 2s. Fill the blank: 2, 4, __, 8, 10 → **H**

Scratch space:

CLUE 4 Rounding

Peach has a coin tracker screen. It only shows numbers rounded to the nearest ten. Find the rounded number.

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

T					T			T										
3700	430	900	370	900	3700	900	20	3700	3000	230	900	9000	4300	170	2000	370	90	

110	900	130	130	4300	700	20	90	50

Round 3,738 to the nearest hundred → **T**

Round 9,156 to the nearest thousand → **F**

Round 50 to the nearest ten → **P**

Round 113 to the nearest ten → **Y**

Round 167 to the nearest ten → **U**

Round 127 to the nearest ten → **L**

Round 92 to the nearest ten → **A**

Round 371 to the nearest ten → **D**

Round 428 to the nearest ten → **H**

Round 3,078 to the nearest thousand → **I**

Round 20 to the nearest ten → **C**

Round 911 to the nearest hundred → **E**

Round 4,254 to the nearest hundred → **O**

Round 699 to the nearest hundred → **W**

Round 231 to the nearest ten → **V**

Round 2,471 to the nearest thousand → **N**

Scratch space:

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

Toadette has a big basket of fresh fire flowers. She shares them equally with her friends. How many does each friend get?

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:

$110 \div 10 = \boxed{}$

$42 \div 6 = \boxed{}$

$55 \div 11 = \boxed{}$

$12 \div 6 = \boxed{}$

$40 \div 4 = \boxed{}$

$48 \div 4 = \boxed{}$

$64 \div 8 = \boxed{}$

$15 \div 5 = \boxed{}$

$60 \div 10 = \boxed{}$

$6 \div 6 = \boxed{}$

$48 \div 12 = \boxed{}$

Step 2 - cross out the sentence with each answer:

1. The villain glides on a yellow cape, then boosts away with a dash boot.
2. The villain throws a blazing fireball, then boosts away with a dash boot.
3. The villain freezes the floor with ice, then turns into heavy solid metal.
4. The villain does a fast spin attack, then hops onto a green yoshi.
5. The villain leaps high in the air, then uses a cherry to double up.
6. The villain does a fast spin attack, then uses a cherry to double up.
7. The villain throws a blazing fireball, then uses a cherry to double up.
8. The villain throws a blazing fireball, then shrinks down with a mini mushroom.
9. The villain glides on a yellow cape, then uses a cherry to double up.
10. The villain glides on a yellow cape, then shrinks down with a mini mushroom.
11. The villain does a fast spin attack, then turns into heavy solid metal.
12. The villain throws a blazing fireball, then hops onto a green yoshi.

Answer Key

The Stolen Power Star

Culprit: Blue Toad

Cape Glide · Double Double · Left-Handed Throw · Yellow Cap · Spiny Shell

Trail: Start 21 → Clue 1 18 → Clue 2 12 → Clue 3 5 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE THIEF DOES NOT USE A MINI MUSHROOM"

$4000 + 2716 = 6716$ (T) · $2467 + 4596 = 7063$ (I) · $880 + 1234 = 2114$ (E) · $5152 + 4368 = 9520$ (S) · $2975 + 4133 = 7108$ (D) · $4844 + 3868 = 8712$ (R) · $2455 + 1414 = 3869$ (A) · $2995 + 2824 = 5819$ (N) · $3070 + 4023 = 7093$ (F) · $2869 + 4220 = 7089$ (U) · $5126 + 4461 = 9587$ (H) · $2828 + 4138 = 6966$ (O) · $2777 + 3357 = 6134$ (M)

Clue 2 (Subtraction): "THE SUSPECT THREW A KOOPA SHELL LEFT HANDED"

$4467 - 2484 = 1983$ (T) · $7826 - 4005 = 3821$ (D) · $3730 - 1471 = 2259$ (P) · $10812 - 2674 = 8138$ (U) · $12936 - 4125 = 8811$ (F) · $5428 - 849 = 4579$ (E) · $9933 - 4596 = 5337$ (C) · $11061 - 4987 = 6074$ (L) · $4429 - 533 = 3896$ (K) · $4646 - 522 = 4124$ (N) · $10451 - 3445 = 7006$ (O) · $8151 - 2876 = 5275$ (A) · $10777 - 3246 = 7531$ (S) · $7938 - 862 = 7076$ (W) · $10046 - 4663 = 5383$ (H) · $6113 - 3426 = 2687$ (R)

Clue 3 (Skip counting): "THE VILLAIN WAS TRIPPED BY A SPINY SHELL"

Skip-count by 5s. Fill the blank: $5, 10, 15, 20, \underline{\quad}, 30, 35 = 25$ (T) · Skip-count by 3s. Fill the blank: $3, 6, 9, 12, 15, 18, 21, 24, \underline{\quad}, 30, 33 = 27$ (S) · Skip-count by 10s. Fill the blank: $10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, \underline{\quad}, 140, 150 = 130$ (L) · Skip-count by 5s. Fill the blank: $5, 10, 15, \underline{\quad}, 25, 30 = 20$ (R) · Skip-count by 10s. Fill the blank: $10, 20, 30, 40, 50, 60, 70, 80, 90, \underline{\quad}, 110, 120 = 100$ (V) · Skip-count by 2s. Fill the blank: $2, 4, 6, 8, 10, 12, \underline{\quad}, 16, 18 = 14$ (B) · Skip-count by 2s. Fill the blank: $2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, \underline{\quad}, 28, 30 = 26$ (P) · Skip-count by 5s. Fill the blank: $5, 10, 15, 20, 25, 30, \underline{\quad}, 40, 45 = 35$ (A) · Skip-count by 5s. Fill the blank: $5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, \underline{\quad}, 70, 75 = 65$ (N) · Skip-count by 2s. Fill the blank: $2, 4, 6, 8, 10, \underline{\quad}, 14, 16 = 12$ (I) · Skip-count by 5s. Fill the blank: $5, 10, 15, 20, 25, 30, 35, 40, 45, \underline{\quad}, 55, 60 = 50$ (E) · Skip-count by 3s. Fill the blank: $3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, \underline{\quad}, 42, 45 = 39$ (D) · Skip-count by 10s. Fill the blank: $10, 20, 30, 40, 50, \underline{\quad}, 70, 80 = 60$ (Y) · Skip-count by 3s. Fill the blank: $3, 6, 9, 12, 15, 18, \underline{\quad}, 24, 27 = 21$ (W) · Skip-count by 2s. Fill the blank: $2, 4, \underline{\quad}, 8, 10 = 6$ (H)

Clue 4 (Rounding): "THE DETECTIVE FOUND A YELLOW CAP"

Round 3,738 to the nearest hundred = 3700 (T) · Round 9,156 to the nearest thousand = 9000 (F) · Round 50 to the nearest ten = 50 (P) · Round 113 to the nearest ten = 110 (Y) · Round 167 to the nearest ten = 170 (U) · Round 127 to the nearest ten = 130 (L) · Round 92 to the nearest ten = 90 (A) · Round 371 to the nearest ten = 370 (D) · Round 428 to the nearest ten = 430 (H) · Round 3,078 to the nearest thousand = 3000 (I) · Round 20 to the nearest ten = 20 (C) · Round 911 to the nearest hundred = 900 (E) · Round 4,254 to the nearest hundred = 4300 (O) · Round 699 to the nearest hundred = 700 (W) · Round 231 to the nearest ten = 230 (V) · Round 2,471 to the nearest thousand = 2000 (N)

Clue 5 (Division facts (1-12)): surviving statement is box 9 → Blue Toad

$110 \div 10 = 11$ · $42 \div 6 = 7$ · $55 \div 11 = 5$ · $12 \div 6 = 2$ · $40 \div 4 = 10$ · $48 \div 4 = 12$ · $64 \div 8 = 8$ · $15 \div 5 = 3$ · $60 \div 10 = 6$ · $6 \div 6 = 1$ · $48 \div 12 = 4$