



The Great Bass Boat Mystery

Grade 1 math · Addition, Subtraction, Skip counting, Place value, Missing addends · Reading level grades 1-2

Detective: _____ Date: _____

Someone hid the Golden Trophy Bass right before the big tournament weigh-in! Use your lake clues and solve the math problems to find out who did it.

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 Lake Phantom is _____

Possible suspects

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

NAME	FAVORITE LURE	SPECIAL GEAR	CASTING HAND	CAP COLOR	DISTRACTION
Lake Lily	jighead	trolling motor	left handed	camo tan cap	camera flash
Dock Dave	jighead	trolling motor	left handed	neon green cap	camera flash
Captain Clara	topwater frog	polaroid glasses	left handed	camo tan cap	boat horn blast
Wader Will	spinnerbait	trolling motor	right handed	bright yellow cap	boat horn blast
Trout Tina	jighead	braided line	right handed	neon green cap	camera flash
Tackle Tim	spinnerbait	polaroid glasses	left handed	bright yellow cap	camera flash
Boater Bob	crankbait	braided line	left handed	camo tan cap	camera flash
Pond Pete	topwater frog	sonar scope	right handed	bright yellow cap	mosquito buzzing
Skipper Mia	jighead	polaroid glasses	left handed	camo tan cap	mosquito buzzing
River Rose	rubber worm	sonar scope	right handed	neon green cap	boat horn blast
Fisher Finn	spinnerbait	sonar scope	left handed	camo tan cap	camera flash
Marina Mary	topwater frog	braided line	left handed	bright yellow cap	mosquito buzzing
Bait Master Ben	crankbait	net launcher	left handed	camo tan cap	camera flash
Guppy Gabe	jighead	trolling motor	left handed	bright yellow cap	boat horn blast
Bass Bill	crankbait	braided line	right handed	neon green cap	mosquito buzzing
Splash Seth	rubber worm	polaroid glasses	right handed	camo tan cap	camera flash
Casting Cole	jighead	polaroid glasses	right handed	bright yellow cap	mosquito buzzing
Bay Bella	rubber worm	sonar scope	left handed	camo tan cap	camera flash
Fisher Sam	rubber worm	sonar scope	right handed	bright yellow cap	mosquito buzzing
Lunker Leo	topwater frog	polaroid glasses	right handed	camo tan cap	mosquito buzzing
Reel Hank	rubber worm	sonar scope	left handed	neon green cap	camera flash

CLUE 1 Addition

Ranger Rick counts all the shiny lures collected from the dock.

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

T																			
9	19	15	12	7	15	14	16	18	13	10	6	6	14	10	7	11	4	15	12
		T																	
7	4	9	8	12	15	20	17	14	10	11	15	11	6	10	7	15			

$7 + 2 = \square \rightarrow$ T	$3 + 1 = \square \rightarrow$ O	$3 + 9 = \square \rightarrow$ S	$3 + 4 = \square \rightarrow$ N
$2 + 6 = \square \rightarrow$ U	$9 + 10 = \square \rightarrow$ H	$10 + 5 = \square \rightarrow$ E	
$8 + 6 = \square \rightarrow$ A	$4 + 7 = \square \rightarrow$ D	$11 + 5 = \square \rightarrow$ K	$5 + 8 = \square \rightarrow$ V
$14 + 6 = \square \rightarrow$ B	$4 + 2 = \square \rightarrow$ L	$9 + 9 = \square \rightarrow$ Y	$5 + 5 = \square \rightarrow$ I
$5 + 12 = \square \rightarrow$ R			

Scratch space:

CLUE 2

Subtraction

Fisher Finn lost some plastic worms when a big bass splashed away.

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

T					T											T	
3	8	12	18	2	3	1	12	10	10	10	11	18	11	14	12	9	3

									T
8	11	1	4	12	4	16	11	10	3

$11 - 8 = \square \rightarrow \boxed{\text{T}}$

$18 - 7 = \square \rightarrow \boxed{\text{A}}$

$18 - 8 = \square \rightarrow \boxed{\text{S}}$

$16 - 4 = \square \rightarrow \boxed{\text{E}}$

$18 - 2 = \square \rightarrow \boxed{\text{C}}$

$16 - 7 = \square \rightarrow \boxed{\text{F}}$

$7 - 3 = \square \rightarrow \boxed{\text{D}}$

$20 - 6 = \square \rightarrow \boxed{\text{L}}$

$11 - 3 = \square \rightarrow \boxed{\text{H}}$

$19 - 1 = \square \rightarrow \boxed{\text{W}}$

$3 - 2 = \square \rightarrow \boxed{\text{N}}$

$11 - 9 = \square \rightarrow \boxed{\text{I}}$

Scratch space:

CLUE 3 Skip counting

Captain Clara counts the live minnows in the bait bucket by twos.

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

T																		
35	20	9	50	120	16	90	9	140	40	50	14	21	90	70	120	12	9	12
21	65	50	36	50	110	9	140	50	8	90	50	14	20					

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

Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 → **E**

Skip-count by 3s. Fill the blank: 3, 6, 9, __, 15, 18 → **D**

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

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

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

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

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

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

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

Skip-count by 10s. Fill the blank: 10, 20, 30, __, 50, 60 → **W**

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

Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 → **F**

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, __, 18, 20 → **G**

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

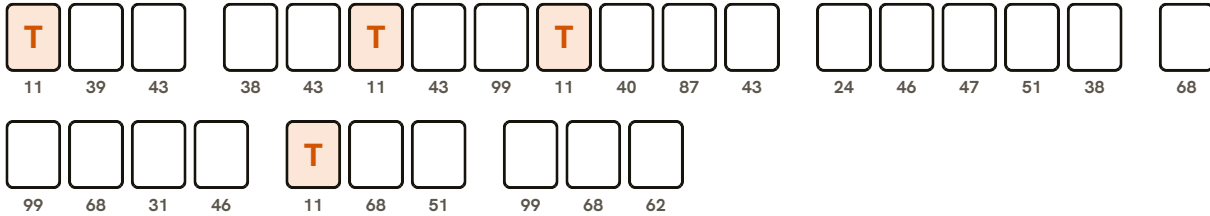
Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, __, 100, 110 → **L**

Scratch space:

CLUE 4 Place value

Angler Ava looks at the tens and ones digits on the weigh-in scale.

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



What number has 1 ten and 1 one? → **T**

What number has 8 tens and 7 ones? → **V**

What number has 6 tens and 2 ones? → **P**

What number has 4 tens and 7 ones? → **U**

What number has 4 tens and 0 ones? → **I**

What number has 4 tens and 6 ones? → **O**

What number has 6 tens and 8 ones? → **A**

What number has 4 tens and 3 ones? → **E**

What number has 3 tens and 9 ones? → **H**

What number has 3 tens and 8 ones? → **D**

What number has 9 tens and 9 ones? → **C**

What number has 3 tens and 1 one? → **M**

What number has 5 tens and 1 one? → **N**

What number has 2 tens and 4 ones? → **F**

Scratch space:

CLUE 5**Missing addends - the last clue**

Bait Master Ben needs to find how many more floats fit in his box.

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:

$8 + \underline{\quad} = 15$

$3 + \underline{\quad} = 11$

$7 + \underline{\quad} = 10$

$1 + \underline{\quad} = 12$

$7 + \underline{\quad} = 11$

$4 + \underline{\quad} = 16$

$5 + \underline{\quad} = 7$

$2 + \underline{\quad} = 8$

$10 + \underline{\quad} = 19$

$6 + \underline{\quad} = 7$

$2 + \underline{\quad} = 12$

Step 2 - cross out the sentence with each answer:

1. The villain cast a shiny spinnerbait, then scooped a prize with a net launcher.
2. The villain dropped a heavy jighead, then scanned the bay with a sonar scope.
3. The villain jiggled a rubber worm, then scanned the bay with a sonar scope.
4. The villain cast a shiny spinnerbait, then spotted fish with polaroid glasses.
5. The villain cast a shiny spinnerbait, then scanned the bay with a sonar scope.
6. The villain jiggled a rubber worm, then spotted fish with polaroid glasses.
7. The villain reeled in a crankbait, then scooped a prize with a net launcher.
8. The villain dropped a heavy jighead, then zipped off with a trolling motor.
9. The villain reeled in a crankbait, then scanned the bay with a sonar scope.
10. The villain dropped a heavy jighead, then scooped a prize with a net launcher.
11. The villain tossed a topwater frog, then scanned the bay with a sonar scope.
12. The villain cast a shiny spinnerbait, then zipped off with a trolling motor.

Answer Key

The Great Bass Boat Mystery

Culprit: Fisher Finn

spinnerbait · sonar scope · left handed · camo tan cap · camera flash

Trail: Start 21 → Clue 1 17 → Clue 2 10 → Clue 3 7 → Clue 4 4 → Clue 5 1

Clue 1 (Addition): "THE SNEAKY VILLAIN DOES NOT USE BRAIDED LINE"

$7 + 2 = 9$ (T) · $3 + 1 = 4$ (O) · $3 + 9 = 12$ (S) · $3 + 4 = 7$ (N) · $2 + 6 = 8$ (U) · $9 + 10 = 19$ (H) · $10 + 5 = 15$ (E) · $8 + 6 = 14$ (A) · $4 + 7 = 11$ (D) · $11 + 5 = 16$ (K) · $5 + 8 = 13$ (V) · $14 + 6 = 20$ (B) · $4 + 2 = 6$ (L) · $9 + 9 = 18$ (Y) · $5 + 5 = 10$ (I) · $5 + 12 = 17$ (R)

Clue 2 (Subtraction): "THE WITNESS SAW A LEFT HANDED CAST"

$11 - 8 = 3$ (T) · $18 - 7 = 11$ (A) · $18 - 8 = 10$ (S) · $16 - 4 = 12$ (E) · $18 - 2 = 16$ (C) · $16 - 7 = 9$ (F) · $7 - 3 = 4$ (D) · $20 - 6 = 14$ (L) · $11 - 3 = 8$ (H) · $19 - 1 = 18$ (W) · $3 - 2 = 1$ (N) · $11 - 9 = 2$ (I)

Clue 3 (Skip counting): "THE ANGLER WAS BLINDED BY A CAMERA FLASH"

Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, __, 40, 45 = 35 (T) · Skip-count by 3s. Fill the blank: 3, 6, __, 12, 15 = 9 (E) · Skip-count by 3s. Fill the blank: 3, 6, 9, __, 15, 18 = 12 (D) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, __, 120, 130 = 110 (M) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, __, 80, 90 = 70 (I) · Skip-count by 5s. Fill the blank: 5, 10, 15, __, 25, 30 = 20 (H) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, __, 150, 160 = 140 (R) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, __, 55, 60 = 50 (A) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, __, 16, 18 = 14 (S) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 = 65 (Y) · Skip-count by 10s. Fill the blank: 10, 20, 30, __, 50, 60 = 40 (W) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, __, 39, 42 = 36 (C) · Skip-count by 2s. Fill the blank: 2, 4, 6, __, 10, 12 = 8 (F) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, __, 24, 27 = 21 (B) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, __, 18, 20 = 16 (G) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, __, 130, 140 = 120 (N) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, __, 100, 110 = 90 (L)

Clue 4 (Place value): "THE DETECTIVE FOUND A CAMO TAN CAP"

What number has 1 ten and 1 one? = 11 (T) · What number has 8 tens and 7 ones? = 87 (V) · What number has 6 tens and 2 ones? = 62 (P) · What number has 4 tens and 7 ones? = 47 (U) · What number has 4 tens and 0 ones? = 40 (I) · What number has 4 tens and 6 ones? = 46 (O) · What number has 6 tens and 8 ones? = 68 (A) · What number has 4 tens and 3 ones? = 43 (E) · What number has 3 tens and 9 ones? = 39 (H) · What number has 3 tens and 8 ones? = 38 (D) · What number has 9 tens and 9 ones? = 99 (C) · What number has 3 tens and 1 one? = 31 (M) · What number has 5 tens and 1 one? = 51 (N) · What number has 2 tens and 4 ones? = 24 (F)

Clue 5 (Missing addends): surviving statement is box 5 → Fisher Finn

$8 + \underline{\quad} = 15 = 7$ · $3 + \underline{\quad} = 11 = 8$ · $7 + \underline{\quad} = 10 = 3$ · $1 + \underline{\quad} = 12 = 11$ · $7 + \underline{\quad} = 11 = 4$ · $4 + \underline{\quad} = 16 = 12$ · $5 + \underline{\quad} = 7 = 2$ · $2 + \underline{\quad} = 8 = 6$ · $10 + \underline{\quad} = 19 = 9$ · $6 + \underline{\quad} = 7 = 1$ · $2 + \underline{\quad} = 12 = 10$