



The Fever Court Caper

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

Detective: _____ Date: _____

Oh no! The championship trophy is missing from the court. A sneaky sneaker stealer took it before the big Indiana Fever game! We must 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 sneaker stealer is _____

Possible suspects

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

NAME	SIGNATURE MOVE	LUCKY GEAR	SHOOTING HAND	HEADBAND COLOR	FAVORITE SNACK
Bobby	no-look pass	gold medal laces	right-handed shooter	blue headband	apple slices
Lexie	three-point shot	gold medal laces	left-handed shooter	yellow headband	cheesy popcorn
Penny	three-point shot	gold medal laces	left-handed shooter	blue headband	cheesy popcorn
Dash	spin move	gold medal laces	left-handed shooter	red headband	cheesy popcorn
Kelsey	spin move	gold medal laces	right-handed shooter	red headband	grape juice box
Tess	crossover dribble	shiny silver whistle	left-handed shooter	yellow headband	grape juice box
Erica	crossover dribble	blue warm-up jacket	left-handed shooter	red headband	apple slices
Kristy	speed block	shiny silver whistle	left-handed shooter	blue headband	cheesy popcorn
Caitlin	three-point shot	red wristband	left-handed shooter	blue headband	cheesy popcorn
Buster	spin move	sparkly water bottle	left-handed shooter	blue headband	apple slices
Aliyah	no-look pass	shiny silver whistle	right-handed shooter	blue headband	cheesy popcorn
Scooter	no-look pass	sparkly water bottle	right-handed shooter	yellow headband	apple slices
Freddy	spin move	blue warm-up jacket	left-handed shooter	blue headband	cheesy popcorn
Coach Christie	spin move	sparkly water bottle	left-handed shooter	red headband	grape juice box
Maya	spin move	gold medal laces	left-handed shooter	yellow headband	cheesy popcorn
Grace	speed block	blue warm-up jacket	right-handed shooter	blue headband	cheesy popcorn
Sally	no-look pass	shiny silver whistle	right-handed shooter	yellow headband	apple slices
Hoops	three-point shot	gold medal laces	right-handed shooter	yellow headband	apple slices
Rex	no-look pass	shiny silver whistle	left-handed shooter	blue headband	cheesy popcorn
Ziggy	speed block	red wristband	right-handed shooter	blue headband	apple slices
Bowser	three-point shot	blue warm-up jacket	right-handed shooter	red headband	grape juice box

CLUE 1

Multiplication facts (1-12)

We count the rows of basketballs. There are three racks with five balls on each rack. Find the total to see where the thief ran.

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

T												T						
84	3	33	48	90	33	21	4	33	22	48	84	33	21	88	33	22		
						T					T							
120	54	33	48	90	54	84	80	33	21	22	84	3	33	70	88	45	33	
						T												
60	21	42	4	33	84													

$7 \times 12 = \square \rightarrow \boxed{\text{T}}$

$5 \times 12 = \square \rightarrow \boxed{\text{J}}$

$2 \times 2 = \square \rightarrow \boxed{\text{K}}$

$9 \times 6 = \square \rightarrow \boxed{\text{O}}$

$10 \times 9 = \square \rightarrow \boxed{\text{N}}$

$8 \times 10 = \square \rightarrow \boxed{\text{W}}$

$3 \times 11 = \square \rightarrow \boxed{\text{E}}$

$6 \times 7 = \square \rightarrow \boxed{\text{C}}$

$3 \times 1 = \square \rightarrow \boxed{\text{H}}$

$11 \times 8 = \square \rightarrow \boxed{\text{L}}$

$7 \times 3 = \square \rightarrow \boxed{\text{A}}$

$11 \times 2 = \square \rightarrow \boxed{\text{R}}$

$4 \times 12 = \square \rightarrow \boxed{\text{S}}$

$5 \times 9 = \square \rightarrow \boxed{\text{U}}$

$7 \times 10 = \square \rightarrow \boxed{\text{B}}$

$10 \times 12 = \square \rightarrow \boxed{\text{D}}$

Scratch space:

CLUE 2

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

Diagram illustrating memory blocks and tombstones:

- Row 1: 12 (Tombstone), 3, 20, 17, 4, 16, 12 (Tombstone), 7, 3, 20, 9, 17, 3, 15, 12 (Tombstone), 2, 8, 12 (Tombstone), 3.
- Row 2: 12 (Tombstone), 3, 20, 8, 9, 18, 20, 6, 12 (Tombstone), 3, 16, 4, 14.

$3 + 9 = \square \rightarrow \boxed{\text{T}}$

$7 + 9 = \square \rightarrow \boxed{\mathbf{A}}$

$9 + 5 = \square \rightarrow \boxed{\text{D}}$

$1 + 3 = \square \rightarrow \boxed{\mathbf{N}}$

$1 + 1 = \square \rightarrow \boxed{W}$

$5 + 4 = \boxed{} \rightarrow \boxed{\text{R}}$

$3 + 5 = \boxed{} \rightarrow \boxed{I}$

$10 + 7 = \boxed{} \rightarrow \boxed{\text{S}}$

$3 + 3 = \square \rightarrow \boxed{\mathbf{F}}$

$6 + 14 = \boxed{} \rightarrow \boxed{\text{E}}$

$10 + 8 = \boxed{} \rightarrow \boxed{\text{L}}$

$1 + 2 = \boxed{} \rightarrow \boxed{\text{H}}$

$5 + 2 = \square \rightarrow \boxed{\text{C}}$

$$4 + 11 = \boxed{} \rightarrow \boxed{\text{O}}$$

Scratch space:

CLUE 3

Subtraction

Some sneakers are missing from the locker room. We had ten pairs but some are gone. Subtract the left ones to see what remains.

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

T							T											
7	3	16	12	15	16	19	7	10	3	16	16	11	12					
2	13	2	10	13	9	5	10	9	6	18	8	11	8	16	3	17	5	4

$9 - 2 = \square \rightarrow \text{T}$

$15 - 5 = \square \rightarrow \text{C}$

$18 - 5 = \square \rightarrow \text{O}$

$20 - 1 = \square \rightarrow \text{F}$

$20 - 2 = \square \rightarrow \text{M}$

$9 - 6 = \square \rightarrow \text{H}$

$14 - 3 = \square \rightarrow \text{S}$

$18 - 3 = \square \rightarrow \text{L}$

$10 - 4 = \square \rightarrow \text{U}$

$20 - 4 = \square \rightarrow \text{E}$

$8 - 4 = \square \rightarrow \text{D}$

$11 - 2 = \square \rightarrow \text{R}$

$9 - 4 = \square \rightarrow \text{N}$

$19 - 2 = \square \rightarrow \text{I}$

$12 - 4 = \square \rightarrow \text{B}$

$8 - 6 = \square \rightarrow \text{P}$

$13 - 1 = \square \rightarrow \text{Y}$

Scratch space:

CLUE 4 Skip counting

Let us check the jersey numbers. They go up by twos as we walk down the hallway. Count them in order to find the hidden note.

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

T											T			T			
21	30	18	60	20	110	120	6	80	18	21	18	22	21	18	80	27	
33	10	90	18	30	18	27	80	33	27	25	80	65	20	33	18	6	

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, __, 22, 24 → **I**

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

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

Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, __, 24, 26 → **C**

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

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

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

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

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

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

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 → **B**

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

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

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

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

Scratch space:

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

We need eight water bottles for the bench. We only have five right now. Find how many more we need to get 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:

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

$8 + \underline{\quad} = 18$

$3 + \underline{\quad} = 7$

$8 + \underline{\quad} = 10$

$4 + \underline{\quad} = 12$

$3 + \underline{\quad} = 9$

$5 + \underline{\quad} = 14$

$9 + \underline{\quad} = 10$

$5 + \underline{\quad} = 10$

$7 + \underline{\quad} = 18$

$3 + \underline{\quad} = 10$

Step 2 - cross out the sentence with each answer:

1. The villain makes a quick spin move, then blows a shiny silver whistle.
2. The villain makes a quick spin move, then zips up a blue warm-up jacket.
3. The villain blocks a high shot, then blows a shiny silver whistle.
4. The villain sinks a big three-pointer, then ties a gold medal lace.
5. The villain does a fast crossover, then zips up a blue warm-up jacket.
6. The villain does a fast crossover, then blows a shiny silver whistle.
7. The villain makes a quick spin move, then adjusts a red wristband.
8. The villain blocks a high shot, then sips from a sparkly water bottle.
9. The villain does a fast crossover, then sips from a sparkly water bottle.
10. The villain sinks a big three-pointer, then adjusts a red wristband.
11. The villain does a fast crossover, then adjusts a red wristband.
12. The villain throws a no-look pass, then blows a shiny silver whistle.

Answer Key

The Fever Court Caper

Culprit: Kristy

speed block · shiny silver whistle · left-handed shooter · blue headband · cheesy popcorn

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

Clue 1 (Multiplication facts (1-12)): "THE SNEAKER STEALER DOES NOT WEAR THE BLUE JACKET"

$7 \times 12 = 84$ (T) · $5 \times 12 = 60$ (J) · $2 \times 2 = 4$ (K) · $9 \times 6 = 54$ (O) · $10 \times 9 = 90$ (N) · $8 \times 10 = 80$ (W) · $3 \times 11 = 33$ (E) · $6 \times 7 = 42$ (C) · $3 \times 1 = 3$ (H) · $11 \times 8 = 88$ (L) · $7 \times 3 = 21$ (A) · $11 \times 2 = 22$ (R) · $4 \times 12 = 48$ (S) · $5 \times 9 = 45$ (U) · $7 \times 10 = 70$ (B) · $10 \times 12 = 120$ (D)

Clue 2 (Addition): "THE SNATCHER SHOT WITH THEIR LEFT HAND"

$3 + 9 = 12$ (T) · $7 + 9 = 16$ (A) · $9 + 5 = 14$ (D) · $1 + 3 = 4$ (N) · $1 + 1 = 2$ (W) · $5 + 4 = 9$ (R) · $3 + 5 = 8$ (I) · $10 + 7 = 17$ (S) · $3 + 3 = 6$ (F) · $6 + 14 = 20$ (E) · $10 + 8 = 18$ (L) · $1 + 2 = 3$ (H) · $5 + 2 = 7$ (C) · $4 + 11 = 15$ (O)

Clue 3 (Subtraction): "THEY LEFT CHEESY POPCORN CRUMBS BEHIND"

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

Clue 4 (Skip counting): "THE VISOR DETECTED A BLUE HEADBAND FIBER"

Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, __, 24, 27 = 21 (T) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, __, 22, 24 = 20 (I) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, __, 70, 75 = 65 (F) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, __, 120, 130 = 110 (S) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, __, 24, 26 = 22 (C) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, __, 65, 70 = 60 (V) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, __, 100, 110 = 90 (U) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, __, 130, 140 = 120 (O) · Skip-count by 2s. Fill the blank: 2, 4, __, 8, 10 = 6 (R) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, __, 33, 36 = 30 (H) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, 10, 12, 14, 16, __, 20, 22 = 18 (E) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, __, 36, 39 = 33 (B) · Skip-count by 5s. Fill the blank: 5, 10, 15, 20, __, 30, 35 = 25 (N) · Skip-count by 2s. Fill the blank: 2, 4, 6, 8, __, 12, 14 = 10 (L) · Skip-count by 10s. Fill the blank: 10, 20, 30, 40, 50, 60, 70, __, 90, 100 = 80 (D) · Skip-count by 3s. Fill the blank: 3, 6, 9, 12, 15, 18, 21, 24, __, 30, 33 = 27 (A)

Clue 5 (Missing addends): surviving statement is box 3 → Kristy

$4 + \underline{\quad} = 16 = 12$ · $8 + \underline{\quad} = 18 = 10$ · $3 + \underline{\quad} = 7 = 4$ · $8 + \underline{\quad} = 10 = 2$ · $4 + \underline{\quad} = 12 = 8$ · $3 + \underline{\quad} = 9 = 6$ · $5 + \underline{\quad} = 14 = 9$ · $9 + \underline{\quad} = 10 = 1$ · $5 + \underline{\quad} = 10 = 5$ · $7 + \underline{\quad} = 18 = 11$ · $3 + \underline{\quad} = 10 = 7$