GRADE 3 / 3.OA.A.1 / 3.OA.A.2 / MATH MYSTERY WORKSHEET

The Missing Library Key

The library key was put in one of four labeled lockers. Solve the six clues, make a three-digit code, and find the matching locker. No one is in trouble - the librarian only needs the key back.

Solve all six problems. Each pair gives one code digit. Use the ones digit when a rule asks for it.

Six math clues

01 Four shelves hold 6 books each. How many books are there? Answer: _____	02 Three tables have 6 pencils each. How many pencils are there? Answer: _____
03 Share 21 bookmarks equally among 3 groups. How many per group? Answer: _____	04 Two groups have 7 bookmarks each. How many altogether? Answer: _____
05 Arrange cards in 4 rows of 9. How many cards are there? Answer: _____	06 Share 30 cards equally among 5 students. How many each? Answer: _____

Build the code

A = ones digit of (answer 1 + answer 2): _____

B = ones digit of (answer 4 - answer 3): _____

C = ones digit of (answer 5 - answer 6): _____

Code: [A] [B] [C]

Ava's locker - 270	Leo's locker - 207
Mia's locker - 274	Noah's locker - 279

Found at: _____