



Case of the Missing Books

Solve the clues to help the library detectives find the lost pages and missing novels!

Name: _____ Date: _____

1 MULTIPLICATION AND SUBTR

Leo is looking for a missing fantasy book series that has 8 volumes. Each volume has exactly 120 pages. He has found 5 volumes so far. How many pages are in the volumes he is still missing?

Work: _____

Answer: _____

2 FRACTIONS OF A NUMBER

The school library is missing 48 mystery books. The detective club finds $\frac{1}{4}$ of them hiding in the art room, and another 15 books under a gym bench. How many mystery books are still missing?

Work: _____

Answer: _____

3 MISSING ADDENDS AND PLAC

Maya is tracking down a giant dictionary with 900 pages, but some pages are torn out. The index has 35 pages, and the first section has 425 pages. How many pages are in the missing middle section?

Work: _____

Answer: _____

4 DIVISION AND SUBTRACTION

The librarian estimated there were 300 missing chapter books and packed them into 6 equal boxes. If the library assistants have found 2 of those boxes, how many books are still missing?

Work:

Answer: _____

5 SKIP COUNTING AND ADDITION

Detective Max searches bookshelves for a lost comic book. He checks 7 shelves with 12 books on each, and 4 shelves with 15 books on each. If he has already inspected 110 books, how many books are left to check?

Work:

Answer: _____

6 MISSING ADDENDS AND DIVISION

A box containing 180 missing library barcode stickers was found in a drawer. The librarian used 45 of them immediately. She wants to divide the remaining stickers equally among 9 student helpers. How many stickers does each helper get?

Work:

Answer: _____

Answer Key

Case of the Missing Books · Grade 4

1. Leo is looking for a missing fantasy book series that has 8 volumes. Each volume has exactly 120 pages. He has found 5 volumes so far. How many pages are in the volumes he is still missing? **360**
2. The school library is missing 48 mystery books. The detective club finds $\frac{1}{4}$ of them hiding in the art room, and another 15 books under a gym bench. How many mystery books are still missing? **21**
3. Maya is tracking down a giant dictionary with 900 pages, but some pages are torn out. The index has 35 pages, and the first section has 425 pages. How many pages are in the missing middle section? **440**
4. The librarian estimated there were 300 missing chapter books and packed them into 6 equal boxes. If the library assistants have found 2 of those boxes, how many books are still missing? **200**
5. Detective Max searches bookshelves for a lost comic book. He checks 7 shelves with 12 books on each, and 4 shelves with 15 books on each. If he has already inspected 110 books, how many books are left to check? **34**
6. A box containing 180 missing library barcode stickers was found in a drawer. The librarian used 45 of them immediately. She wants to divide the remaining stickers equally among 9 student helpers. How many stickers does each helper get? **15**