Name _____

5-Step Order of Operations: Word Problems

Directions: Translate each situation into a math expression. Solve using **PEMDAS**.

1) Birthday Balloons

A store sells 5 packs of balloons. Each pack has 12 balloons, but 3 balloons in each pack popped. Then a friend brings 2 extra packs of 4 balloons each, and finally 10 balloons are given away.
How many balloons remain?

2) Soccer Tickets

A family buys 6 adult tickets at $8 each and 4 child tickets at $5 each. They use a $10 coupon, then must pay a $6 booking fee.
How much do they spend in total?

3) Classroom Chairs

There are 7 rows of chairs. Each row has 9 chairs, but 2 in each row are broken. The school adds 15 new chairs, then removes 8 for the office.
How many chairs are in the classroom?

4) Cookies for a Bake Sale

You bake 24 cookies. Then you bake 3 more trays of 10 each. You give away 12 cookies to neighbors and then sell 15 cookies at the bake sale.
How many cookies are left?

5) Summer Camp Lunches

There are 4 cabins. Each cabin has 9 campers. Each camper eats 2 sandwiches, but 5 sandwiches in total are dropped. Later, 12 extra sandwiches are donated.
How many sandwiches are served?

6) Books in the Library

There are 5 shelves. Each shelf has 14 books, but 6 books are missing in total. Then 2 boxes of 10 books each are donated, and 5 more are borrowed out.
How many books are now in the library?