# Sorting with Tully's Alpine Adventure

## Primary Grade Mathematics Objectives

- Students will solve subtraction problems up to 10 using objects, drawings, and equations [modify for higher objective up to 20].
- Students will write number sentences that represent subtraction situations.
- Students will connect story contexts to math problems for deeper comprehension.
- Students will use drawing to represent mathematical thinking and explanation.

## Story Problems

1. **Tully's Treats**
   Tully had 8 dog biscuits in her pouch. She ate 3 going up Mountain Road.
   How many biscuits does Tully have left?
   ____ – ____ = ____
   Write a sentence: "Tully has ____ biscuits left."


2. **Wooliam's Snaps**
   Wooliam started with 10 snaps on his  tummy.
   He scraped 4 snaps off as he climbed a rock.
   How many snaps are still on Wooliam?
   ____ – ____ = ____
   Write: "Wooliam still has ____ buttons."


3. **Lambkin's Lupine Flowers**
   Lambkin picked 12 purple lupines from the meadow. She gave 5 to Rob Johnson.
   How many does Lambkin keep?
   ____ – ____ = ____
   Write: "Lambkin keeps ____ lupines."

4. **The Chapel Steeple**
   Tully and Wooliam were going to ring the chapel bell  7 times. Wooliam rung the bell 4 times. How many more times will Tully have to ring the bell to make 7 altogether?
   ____ – ____ = ____
   Write: "The bells rang ____ times."

5. **Tully's Snacks**
   Tully carried 9 pieces of cheese. She shared 6 with Wooliam.
   How many pieces of cheese are left for Tully?
   ____ – ____ = ____
   Write: "Tully has ____ pieces left."

6. **Wooliam's Train Ride**
   The Mountain Road train made 6 loops. Then it made two more loops.
   How many loops did it make in total?
   ____ – ____ = ____
   Write: "There are ____ seats empty."

7. **Lambkin's Apples**
   Lambkin had 15 apples in a basket. She gave tourists 11 of her apples.
   How many apples will Lambkin have left for herself?
   ____ – ____ = ____
   Write: "Lambkin has ____ apples left."

8. **Tully's Mountain Steps**
   Tully needed to hike 18 steps down Mountain Road to get to the village. She could not hike the last 6 steps.
   How many steps did she hike down?
   ____ – ____ = ____
   Write: "Tully hiked down ____ steps"

9. **Wooliam's Pinecones**
   Wooliam found 11 pinecones along the path. He dropped 4 into the river.
   How many pinecones does Wooliam still have?
   ____ – ____ = ____
   Write: "Wooliam has ____ pinecones left."

10. **Lambkin's Bonus Questions**

   Lambkin went to many places while she was loose.  On Day 1 she went to 1. On Day 2 she went to 2. On Day 3 she went to 3. On Days 4 and 5 she went to 0.  On Day 6 she went to 2. Use tally marks to figure out how many places Lambkin went to.

   ____ + ____ + ____ + ____ +____ + ____ + = ____





**Count Lambkin's tally marks. ____**