Illustrative Mathematics

Grade 1 Unit 5 Lesson 14 CC BY 2021 Illustrative Mathematics®

Unit 5 Lesson 14: Food Drive

WU Estimation Exploration: Food Drive (Warm up)

Student Task Statement

How many cans did the first graders collect for the food drive?



Record an estimate that is:

too low	about right	too high

1 Cans for the Food Drive

Student Task Statement

Student	Cans Collected
Lin	18
Priya	24
Han	13
Tyler	30

Partner A: Write an equation to represent your thinking.

- 1. How many cans did Lin and Priya collect altogether?
- 2. How many cans did Han and Tyler collect altogether?
- 3. How many cans did all four students collect altogether?

Partner B: Write an equation to represent your thinking.

- 1. How many cans did Tyler and Priya collect altogether?
- 2. How many cans did Lin and Han collect altogether?
- 3. How many cans did all four students collect altogether?

2 Boxes of Cans

Student Task Statement

Room	Cans Collected on Day 1
Kindergarten	18
1st grade	51
2nd grade	23
3rd grade	13
4th grade	39
5th grade	40
6th grade	8
7th grade	29

Room	Cans Collected on Day 1	
8th grade	30	

Find different ways they can pack the cans from 2 grades in a box together and have 35 to 65 cans in each box.

Try to find as many different ways as you can.

Write an equation to represent your thinking.

If you have time: Can any box have cans from 3 grade levels?

What is the least amount of boxes the school can pack to send to the Food Bank?