

Snack Stand Facts

2nd Grade Math Project · Food & Shopping

Grade 2 · Advanced

Name: _____ Date: _____ Class: _____

The Challenge

Our class is running a snack stand! Count the snacks, keep track of sales, and make a menu board of fact families.

You will make: Fact Family Menu Board

I can…

- I can add within 20 using make a ten and doubles.
- I can subtract within 20 by thinking addition.
- I can write a fact family and find a missing number.

Materials

- Pencil
- Counters
- Ten-frame mats

Steps

1. Part 1: Counting Snacks
2. Part 2: Selling Snacks
3. Part 3: Missing Numbers
4. Part 4: Menu Challenge
5. Check your work and share your fact family menu board.

Part 1: Counting Snacks

The stand has 8 apples and 9 bananas.

Snack	How many
apples	8
bananas	9
total	

1. How many pieces of fruit are there?

2. Show how you made a ten. 8 + 9 = 10 + ___

Part 2: Selling Snacks

There were 17 granola bars. The stand sold 8.

3. How many granola bars are left?

4. Write the addition fact you used to check.

Part 3: Missing Numbers

Find the number that makes each equation true.

5. 7 + ___ = 15

6. ___ − 6 = 9

7. 6 + 6 = 5 + ___

Part 4: Menu Challenge

Every snack costs a whole number of tickets from 1 to 9. A combo is two snacks.

8. Find three different combos that cost exactly 10 tickets.

9. A combo costs 17 tickets. One snack costs 9. Kai says the other costs 6. Is he right? Explain.

10. Write the fact family for 9, 8 and 17.

Extension Challenge

The stand gets 9 more apples and 9 more bananas. How many new pieces of fruit? Use a double.

How your project will be scored

Learning target	4 Exceeds	3 Meets	2 Approaching	1 Beginning
I can add within 20 using make a ten and doubles.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can subtract within 20 by thinking addition.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can write a fact family and find a missing number.	Correct and complete; explains how	Mostly correct	Partly correct	Not yet
I can explain my thinking with pictures, numbers and words.	Clear for every part	Clear for most parts	Some explanation	Little explanation
My fact family menu board is complete and matches my math.	Complete, neat, accurate	Complete	Partly complete	Not complete