Snack Shop Bills

Estimate and calculate the total of each bill.

1.

Shooting Star Snack Shop	Customer's Name:
	Diana

Item	Price (¢)
Taco	59¢
Large Orange Juice	85¢

Show how you estimated: **Is your total reasonable?**

Total _____

2.

Shooting Star Snack Shop	Customer's Name:
	Miguel

Item	Price (¢)
Turkey Sandwich	99¢
Potato Chips	25¢
Large Lemonade	79¢

Show how you estimated: **Is your total reasonable?**

Total _____

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Snack Shop Bills (SAB pp. 375–378)
Questions 1–9

For Questions 1–6, estimation strategies will vary.

1. Total: $1.44;
Estimate: 60¢ + 90¢ = 150¢ or $1.50

2. Total: $2.03
Estimate: 100¢ + 25¢ + 75¢ = 200¢ or $2.00

3. Total: $1.73
Estimate: 90¢ + 30¢ + 50¢= 170¢ or $1.70

4. Bills will vary.

5. Bills will vary.

6. Bills will vary.

3.

Shooting Star Snack Shop	Customer's Name:
	Kim

Item	Price (¢)
Grilled Cheese Sandwich	89¢
Carrot Sticks	29¢
Chicken Noodle Soup	55¢

Show how you estimated: **Is your total reasonable?**

Total _____

4.

Shooting Star Snack Shop	Customer's Name:
You have up to $3.00 to spend. Choose 2–3 items.	

Item	Price (¢)

Show how you estimated: **Is your total reasonable?**

Total _____

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5.

Shooting Star Snack Shop	Customer's Name:
You have up to $2.00 to spend. Choose 2–3 items.	

Item	Price (¢)

Show how you estimated: **Is your total reasonable?**

Total _____

6.

Shooting Star Snack Shop	Customer's Name:
You have up to $3.50 to spend. Choose 2–3 items.	

Item	Price (¢)

Show how you estimated: **Is your total reasonable?**

Total _____

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7. $0.29

8. $0.49

9. Possible strategy: I added 75¢ + 59¢ + 40¢. 60 + 40 = 100, 100 + 75 = 175 and minus 1¢ = 174¢. I then counted on using a number line.
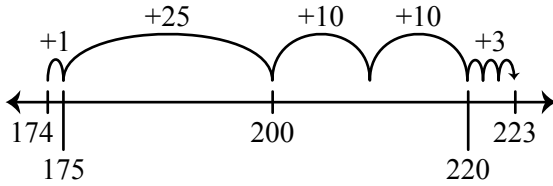
174¢ + 49¢ = 223¢ or $2.23

Name _____ Date _____

Oops, I Spilled the Juice

Gus and Nick bought lunch at the Shooting Star Snack Shop. Gus spilled juice on their bills. The prices of the daily specials, applesauce and banana bread, were blotted out.

Use any strategies or tools to find the prices.

Shooting Star Snack Shop Bill	
Customer's Name	Gus
Item	Price (¢)
Fruit Salad Cup	65¢
Pretzels	25¢
Applesauce	
Large Orange Juice	85¢
Total	$2.04

Shooting Star Snack Shop Bill	
Customer's Name	Nick
Item	Price (¢)
Chili	75¢
Taco	59¢
Banana Bread	
Small Milk	40¢
Total	$2.23

7. How much did the applesauce cost? _____

8. How much did the banana bread cost? _____

9. Show or tell how you found the cost of the banana bread.

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Name _____ Date _____

Many Ways to Solve a Problem

Show how to solve the problem two different ways: using a mental math strategy and a paper-and-pencil method. Use the *Addition Strategies Menu* in the *Student Activity Book* Reference section.

$$\begin{array}{r} 67 \\ + 55 \\ \hline \end{array}$$

1. Estimate:

2. First Way:

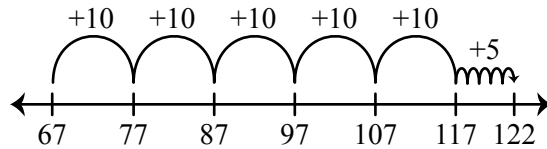**3.** Second Way:

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Many Ways to Solve a Problem (SAB pp. 379–380) Questions 1–4

Solution strategies will vary. $67 + 55 = 122$.

1. Possible Strategies: Estimate: $70 + 60 = 130$

2. Using expanded form:

$$\begin{array}{r} 67 = \ 60 + 7 \\ + 55 = \ 50 + 5 \\ \hline 110 + 12 = 122 \end{array}$$

3. Counting on a number line.

4. The sum is reasonable. It's close to my estimate of 130.

Name _____ Date _____

4. Is your answer reasonable? How do you know?

Many Ways to Solve a Problem Feedback Box	Expect-ation	Check In	Comments
Add two-digit numbers using mental math strategies (e.g., composing and decomposing numbers, counting on) using the 200 Chart, base-ten pieces, and number lines. [Q# 2–3]	E3		
Add two-digit numbers using paper-and-pencil methods (e.g., expanded form, all-partials, compact). [Q# 2–3]	E4		
Estimate sums using mental math strategies (e.g., rounding using benchmarks, using friendly numbers, composing and decomposing numbers, counting on). [Q# 1]	E6		

	Yes . . .	Yes, but . . .	No, but . . .	No. . .
MPE2. Find a strategy. I choose good tools and an efficient strategy for solving the problem. [Q# 1–3]				
MPE3. Check for reasonableness. I look back at my solution to see if my answer makes sense. If it does not, I try again. [Q# 4]				
MPE5. Show my work. I show or tell how I arrived at my answer so someone else can understand my thinking. [Q# 1–4]				

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