

Make It Balance (SAB pp. 415-417) **Questions A-I**

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Answers will vary. Possible responses for Questions A-E are shown.

A.
$$10 + 10 + 5 + 4 = 29$$
; $20 + 5 + 4 = 10 + 10 + 5 + 4$

B.
$$20 + 10 + 4 = 34$$
; $10 + 10 + 10 + 4 = 20 + 10 + 4$

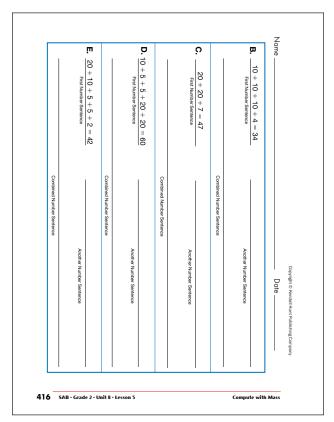
C.
$$20 + 10 + 10 + 7 = 47;$$
 $20 + 20 + 7 = 20 + 10 + 10 + 7$

D.
$$10 + 10 + 20 + 20 = 60$$
; $10 + 5 + 5 + 20 + 20 = 10 + 10 + 20 + 20$

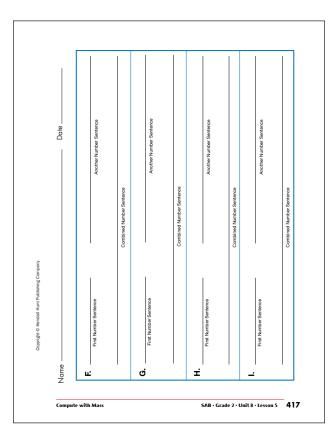
E.
$$10 + 10 + 10 + 10 + 2 = 42$$
; $20 + 10 + 5 + 5 + 2 = 10 + 10 + 10 + 10 + 2$

F–I. Answers will vary.

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True or False Statements (SAB p. 419) Questions 1–2

- I. A. True
 - B. False
 - C. True
 - D. True
 - E. False
- **2. A.** 5
 - **B.** 20
 - **C.** 10

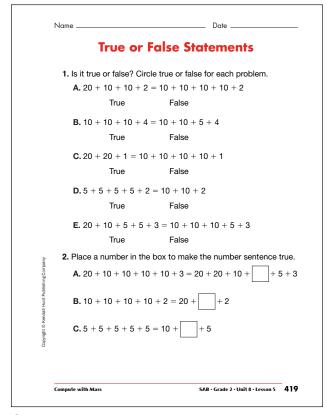
Mara's Lunch (SAB pp. 427–428) Questions 1–7

1. Answers will vary. Possible response: three 20-gram masses and two 5-gram masses.

Number sentence:

$$20 + 20 + 20 + 5 + 5 = 70$$
 grams

- **2.** Mara's lunch is heavier. Possible response: I added 70 g + 90 g + 45 g = 205 g for Mara's lunch and 205 g > 200 g.
- **3. A.** cookie < sandwich
 - **B.** sandwich > small apple
 - **C.** small apple > cookie



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	e				Date _	
1.		Vhich gr	am mass			had no 10-gran ve used? Draw o
		20 g	10 g	5 g	1 g	
			0			
	Write a nu used.	mber se	ntence to	show w	hich gra	ım masses she
	70 g					
	small app	ple		Numb	er senter	nce
2.						hose lunch is w you know.
3	Compare	the item	e in Mars	a'e lunch	Fill in th	ne circle with
	< or > to	make th				ne circle with
3.6 Services Hunt Processing Company		make the sar		ent true.		r than

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Answer Key • Lesson 5: Compute with Mass

	Number sentence		
	Number sentence		
0.	Show or tell how you know.	pie man	rie cookie?
•	Number sentence How many more grams is the small ap		
5.	Mara ate some of her sandwich. When leftover part of her sandwich on the tw a mass of 40 grams. How much did show you know.	o-pan ba	lance, it had
	C. $10 + 10 + 5 + 5 = 20 + 10 + 5$	True	False
	B. $20 + 4 = 10 + 10 + 4$	True	False
4.	A. $20 + 20 + 2 = 20 + 10 + 5 + 2$	True	False
4.	Circle True or False for each statement		

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Mara's Lunch Feedback Box	Expec- tation	. Check	Comments
Compose and decompose numbers using ones, fives, tens, and hundreds. $[Q\#1,4]$	ns, and E1		
Use words and symbols (e.g., <, >, =) to show comparisons of quantities. [Q# 3]	ons of E2		
Recognize that different partitions of a number have the same total (e.g., $50 + 4 = 40 + 14$). [Q#4]	same E4		
Apply the properties of addition (e.g commutative, associative) to write number sentences that represent mass. [Q# 1, 5–7]	cia- E5		
Solve addition problems (e.g., part-whole, join, compare) involving mass. [Q#2,5-7]) B6		
Yes		Yes, but	No, but
MPES. Show my work. I show or tell how I arrived at my unswer tell how I arrived at my unswer so someone else ean undersund my thinking. [Q# 2, 5-7]			
MPE6. Use labels. I use labels to show what numbers mean. [Q# 5–7]			

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- 4. A. False
 - **B.** True
 - C. False
- **5.** 50 grams; Possible strategy: I used the number line. I started at 90 and counted back 4 tens. I landed at 50.

Number sentence 70 g - 40 g = 30 g

6. 25 grams; Possible strategy: I started at 45 and counted up by fives until I reached 70: 5, 10, 15, 20, 25.

Number sentence 45 g > 25 g = 70 g

7. 62 grams; Possible strategy: I used the compact method.

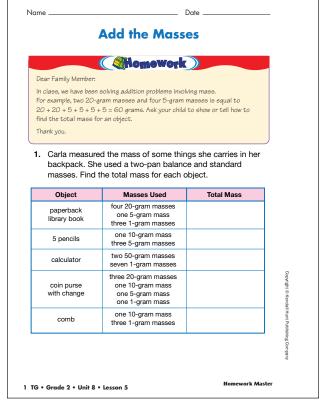
45 grams + 17 grams 62 grams

Number sentence 45 g + 17 g = 62 g

Teacher Guide

Add the Masses (TG pp. 1–2) Homework Questions 1–5

- I. paperback library book: 88 grams 5 pencils: 25 grams calculator: 107 grams
 - coin purse with change: 76 grams
 - comb: 13 grams
- **2.** Strategies will vary. Possible strategy: 50 + 50 = 100; 100 + 7 = 107 grams
- **3.** 88 g + 13 g = 101 grams. Possible strategy: 80 + 10 = 90; 8 + 3 = 11; 90 + 11 = 101 g
- **4. A.** 75
 - **B.** 132
 - **C.** 129
- **5. A.** $20 + 10 + 1 = \boxed{10} + 10 + 10 + 1$
 - **B.** $20 + 5 + 5 + 5 + 2 = 20 + \boxed{10} + 5 + 2$
 - **C.** 10 + 10 + 10 + 10 + 4 = 20 + 10 + 10 + 4



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Name Date 2. Show or tell how you found the total mass for Carla's calculator 3. On Tuesday, Carla's backpack had only the comb and paperback library book. How much mass was Carla carrying in her backpack on Tuesday? Show how you know. 4. Solve these problems using a paper-and-pencil method. + 52 + 28 + 36 5. Write a number in the box to make the number sentence true. **A.** 20 + 10 + 1 = | + 10 + 10 + 1**B.** 20 + 5 + 5 + 5 + 2 = 20 +**C.** 10 + 10 + 10 + 10 + 4 =+ 10 + 10 + 4 TG • Grade 2 • Unit 8 • Lesson 5 2

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