

Student Activity Book

**Marble Orders (SAB pp. 347–350)
Questions 1–12**

Responses will vary. One possible response is given for each question:



- 1.* 1 bag of 10, 3 bags of 20;
 $10 + 20 + 20 + 20 = 70$
- 2.* 1 bag of 10, 2 bags of 20;
 $10 + 20 + 20 = 50$
- 3.* 1 bag of 10; $10 + 0 = 10$
4. 2 bags of 10, 1 bag of 20;
 $10 + 10 + 20 = 40$
5. 4 bags of 10, 0 bags of 20;
 $10 + 10 + 10 + 10 = 40$
6. 4 bags of 10, 1 bag of 20;
 $10 + 10 + 10 + 10 + 20 = 60$

Name _____ Date _____

Marble Orders



Help Maria fill marble orders. Show how many of each bag to use.

1. This order is for 70 marbles.

  _____ bags of 10 marbles
_____ bags of 20 marbles



number sentence

2. This order is for 50 marbles.

  _____ bags of 10 marbles
_____ bags of 20 marbles

number sentence

3. This order is for 10 marbles.

  _____ bags of 10 marbles
_____ bags of 20 marbles



number sentence

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Name _____ Date _____

4. This order is for 40 marbles.

  _____ bags of 10 marbles
_____ bags of 20 marbles



number sentence

5. Show another way to fill the order for 40 marbles.

  _____ bags of 10 marbles
_____ bags of 20 marbles

number sentence

6. This order is for 60 marbles.

  _____ bags of 10 marbles
_____ bags of 20 marbles

number sentence

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*Answers and/or discussion are included in the lesson.

Answer Key • Lesson 7: Adding and Subtracting Multiples of Ten



Name _____ Date _____

7. Show another way to fill the order for 60 marbles.

 _____ bags of 10 marbles
 _____ bags of 20 marbles



_____ number sentence

8. This order is for 80 marbles.

 _____ bags of 10 marbles
 _____ bags of 20 marbles

_____ number sentence

9. Show another way to fill the order for 80 marbles.

 _____ bags of 10 marbles
 _____ bags of 20 marbles

_____ number sentence

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7. 0 bags of 10, 3 bags of 20;
 $20 + 20 + 20 = 60$
8. 2 bags of 10, 3 bags of 20;
 $10 + 10 + 20 + 20 + 20 = 80$
9. 4 bags of 10, 2 bags of 20;
 $10 + 10 + 10 + 10 + 20 + 20 = 80$
10. Answers will vary. Possible response:
 This order is for 100 marbles.
 4 bags of 10, 3 bags of 20;
 $10 + 10 + 10 + 10 + 20 + 20 + 20 = 100$
11. Answers will vary. Possible response:
 This order is for 20 marbles.
 2 bags of 10; $10 + 10 = 20$
12. Answers will vary. Possible response:
 This order is for 30 marbles.
 1 bag of 10, 1 bag of 20; $10 + 20 = 30$

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Name _____ Date _____



Choose a different ten between 10 and 100 and show how many of each bag to use.

10. This order is for _____ marbles.

 _____ bags of 10 marbles
 _____ bags of 20 marbles



_____ number sentence

11. This order is for _____ marbles.

 _____ bags of 10 marbles
 _____ bags of 20 marbles

_____ number sentence

12. This order is for _____ marbles.

 _____ bags of 10 marbles
 _____ bags of 20 marbles

_____ number sentence

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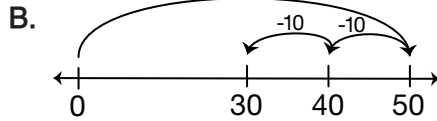
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Selling Bags of Marbles (SAB pp. 351–352)

Questions 1–3

1. A. ~~10~~ ~~10~~ 10 10 10



C. Answers will vary. Possible response:
 $50 - 10 - 10 = 30$

2. Answers will vary. Students may use Maria’s strategy of using tens or Joey’s strategy of using the number line. Possible number sentence: $60 - 30 = 30$

3. Answers will vary. Students may use Maria’s strategy of using tens or Joey’s strategy of using the number line. Possible number sentence: $90 - 10 - 10 - 10 - 10 - 10 = 40$

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Name _____ Date _____

Selling Bags of Marbles

1. Maria had 50 marbles. She sold 20 marbles. How many marbles are left?

A. This is how Linda started to answer Question 1:

10 10 10 10 10

Finish Linda’s strategy to show how many marbles are left.

B. This is how Joey started to answer Question 1:

Finish Joey’s strategy to show how many marbles are left.

C. Write a number sentence for the problem:

number sentence

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Name _____ Date _____

Use Linda’s or Joey’s strategy to solve the following problems.

2. Maria had 60 marbles. She sold 30 marbles. How many marbles are left?

number sentence

3. Maria had 90 marbles. She sold 50 marbles. How many marbles are left?

number sentence

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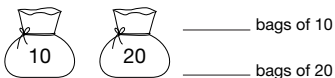
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Name _____ Date _____

Maria's Bags of Marbles

Add or subtract to solve each problem. Write number sentences.

1. Maria filled an order for 90 marbles. Show how many of each bag to use.



_____ number sentence

Show how to solve each problem. Write number sentences.

2. Maria had 40 marbles. Then she found 20 more marbles. How many marbles does she have now?

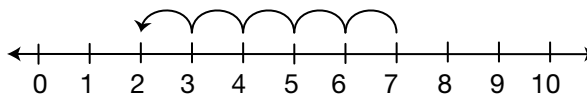
_____ number sentence

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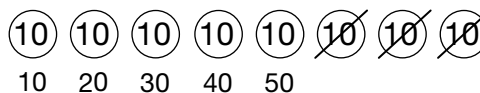
Maria's Bags of Marbles (SAB pp. 353–354) Questions 1–4

Responses will vary. One possible response is given for each question:

- 1 bag of 10, 4 bags of 20; number sentence:
 $10 + 20 + 20 + 20 + 20 = 90$
- Reasoning from a known fact: $4 + 2 = 6$, so
4 tens + 2 tens = 6 tens; $40 + 20 = 60$.
- Using the number line: I thought of 7 tens on
the number line. Hop back 5 tens and land on
2 tens. $70 - 50 = 20$



4. Using tens: $80 - 30 = 50$



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Name _____ Date _____

3. Maria had 70 marbles. She sold 50 marbles. How many marbles did she have left?

_____ number sentence

4. Maria had 80 marbles. She sold 30 marbles to her friend. How many marbles did she have left?

_____ number sentence

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