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;
$10 + 20 + 20 + 20 = 70$

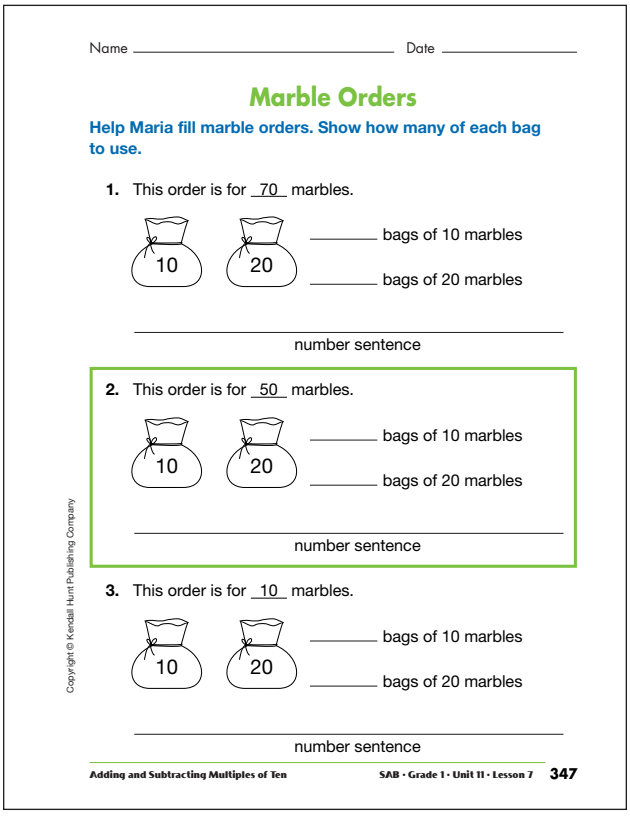
2.* 1 bag of 10, 2 bags of 20;
$10 + 20 + 20 = 50$

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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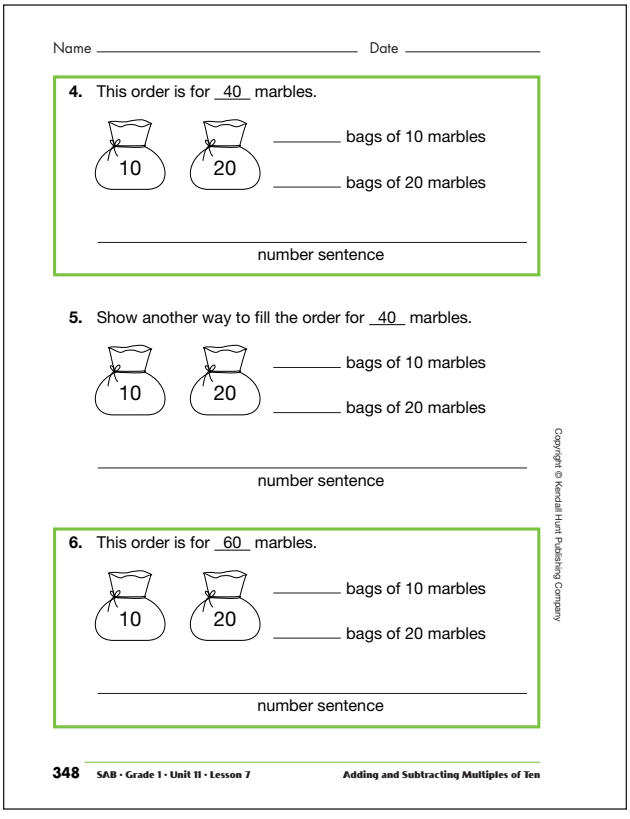

Name _____ Date _____

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.**

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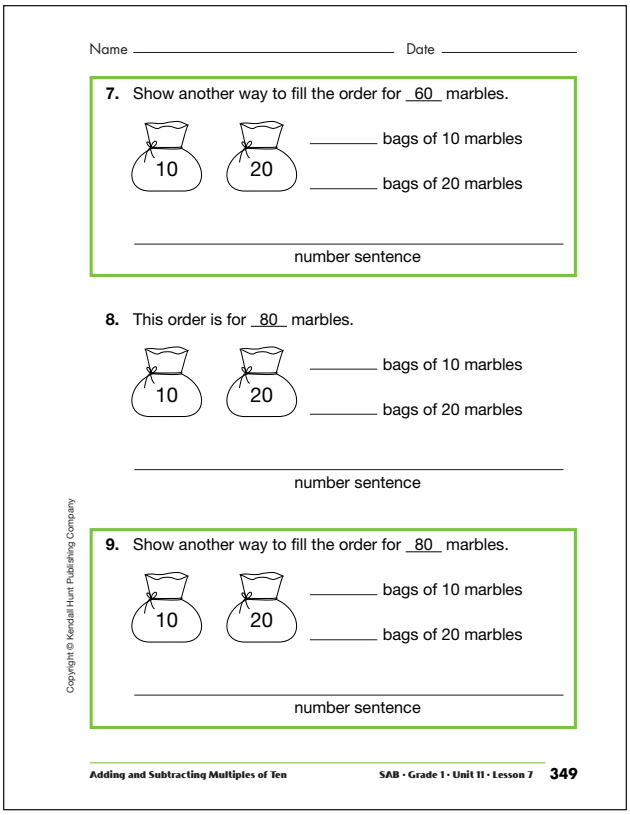

Name _____ Date _____

7. Show another way to fill the order for _60_ marbles.

10 20 _____ bags of 10 marbles

_____ bags of 20 marbles

_____
number sentence

8. This order is for _80_ marbles.

10 20 _____ bags of 10 marbles

_____ bags of 20 marbles

_____
number sentence

9. Show another way to fill the order for _80_ marbles.

10 20 _____ bags of 10 marbles

_____ bags of 20 marbles

_____
number sentence

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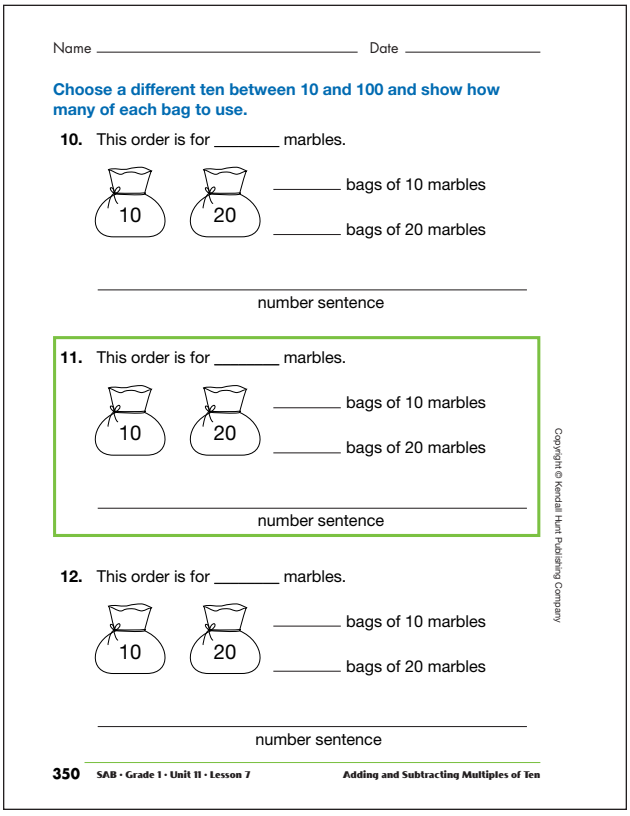

Name _____ Date _____

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

10. This order is for _____ marbles.

10 20 _____ bags of 10 marbles

_____ bags of 20 marbles

_____
number sentence

11. This order is for _____ marbles.

10 20 _____ bags of 10 marbles

_____ bags of 20 marbles

_____
number sentence

12. This order is for _____ marbles.

10 20 _____ 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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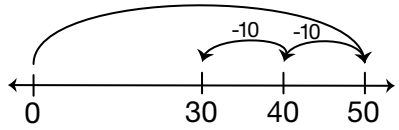
Selling Bags of Marbles (SAB pp. 351–352)
Questions 1–3

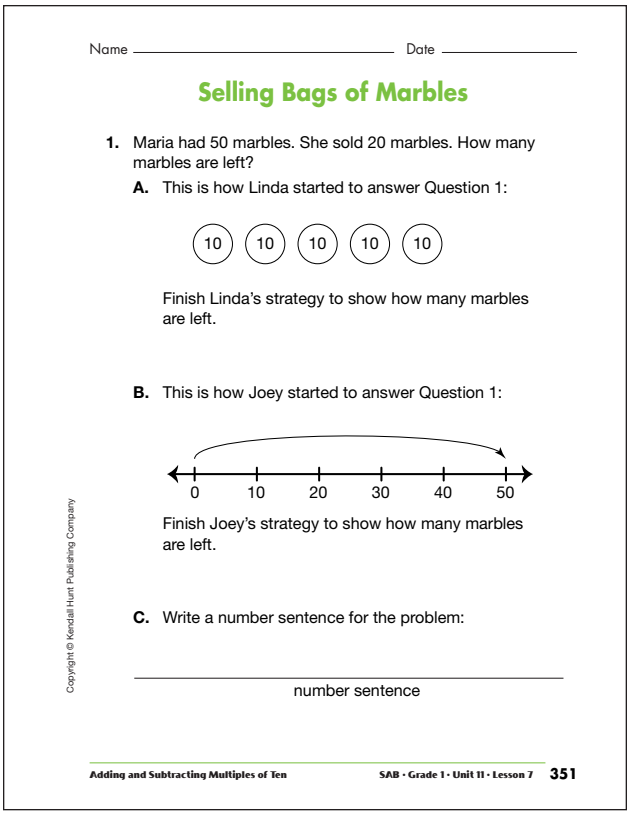
1. A.

B. 

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: $90 - 10 - 10 - 10 - 10 - 10 = 40$



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:

0 10 20 30 40 50

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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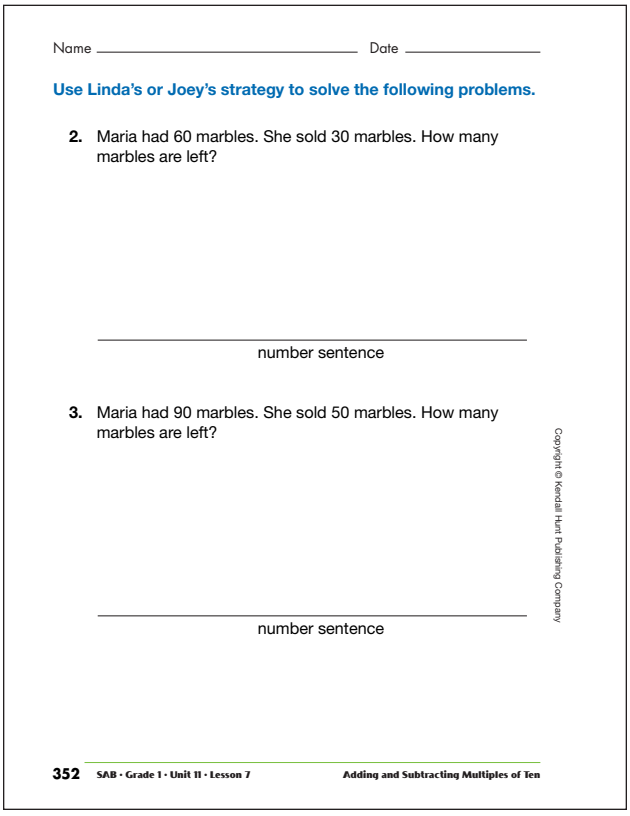

Name _____ Date _____

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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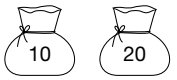
Name _____ Date _____

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.



_____ bags of 10

_____ bags of 20

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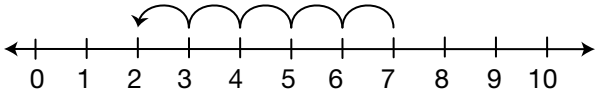
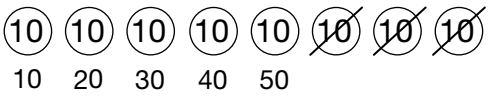
Maria's Bags of Marbles (SAB pp. 353–354) Questions 1–4

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

1. 1 bag of 10, 4 bags of 20; number sentence: $10 + 20 + 20 + 20 + 20 = 90$
2. Reasoning from a known fact: $4 + 2 = 6$, so 4 tens + 2 tens = 6 tens; $40 + 20 = 60$.
3. 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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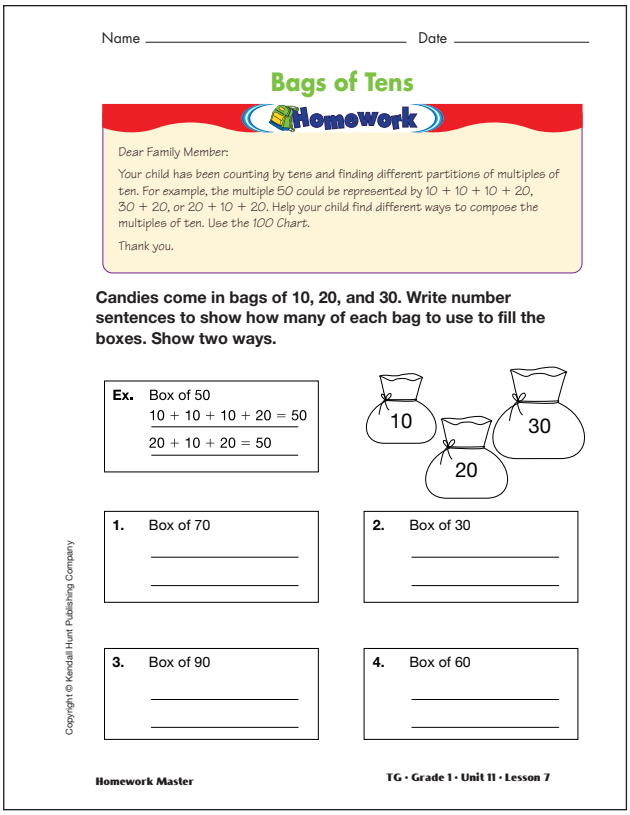
Teacher Guide

Bags of Tens (TG)
Homework
Questions 1–4

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

1. $30 + 20 + 10 + 10 = 70$; $30 + 10 + 30 = 70$
2. $10 + 10 + 10 = 30$; $30 + 0 = 30$
3. $30 + 30 + 30 = 90$;
   $20 + 20 + 20 + 20 + 10 = 90$
4. $10 + 30 + 20 = 60$; $30 + 30 = 60$



Name _____ Date _____

Bags of Tens

Homework

Dear Family Member:

Your child has been counting by tens and finding different partitions of multiples of ten. For example, the multiple 50 could be represented by 10 + 10 + 10 + 20, 30 + 20, or 20 + 10 + 20. Help your child find different ways to compose the multiples of ten. Use the *100 Chart*.

Thank you.

Candies come in bags of 10, 20, and 30. Write number sentences to show how many of each bag to use to fill the boxes. Show two ways.

Ex. Box of 50
10 + 10 + 10 + 20 = 50
20 + 10 + 20 = 50

1. Box of 70
2. Box of 30
3. Box of 90
4. Box of 60

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Homework Master **TG • Grade 1 • Unit 11 • Lesson 7**

Teacher Guide

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