

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

### 3.2 Independent Practice

COMMON CORE

7.NS.1a, 7.NS.1b, 7.NS.1d, 7.NS.3



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18. Samuel walks forward 19 steps. He represents this movement with a positive number. How would he represent the opposite of this number? \_\_\_\_\_
19. Julia spends \$2.25 on gas for her lawn mower. She earns \$15.00 mowing her neighbor's yard. What is Julia's profit? \_\_\_\_\_
20. A submarine submerged at a depth of  $-35.25$  meters dives an additional 8.5 meters. What is the new depth of the submarine? \_\_\_\_\_
21. Renee hiked for  $4\frac{3}{4}$  miles. After resting, Renee hiked back along the same route for  $3\frac{1}{4}$  miles. How many more miles does Renee need to hike to return to the place where she started? \_\_\_\_\_
22. **Geography** The average elevation of the city of New Orleans, Louisiana, is 0.5 m below sea level. The highest point in Louisiana is Driskill Mountain at about 163.5 m higher than New Orleans. How high is Driskill Mountain? \_\_\_\_\_
23. **Problem Solving** A contestant on a game show has 30 points. She answers a question correctly to win 15 points. Then she answers a question incorrectly and loses 25 points. What is the contestant's final score? \_\_\_\_\_

**Financial Literacy** Use the table for 24–26. Kameh owns a bakery. He recorded the bakery income and expenses in a table.

Month	Income (\$)	Expenses (\$)
January	1,205	1,290.60
February	1,183	1,345.44
March	1,664	1,664.00
June	2,413	2,106.23
July	2,260	1,958.50
August	2,183	1,845.12

24. In which months were the expenses greater than the income? Name the month and find how much money was lost. \_\_\_\_\_
25. In which months was the income greater than the expenses? Name the months and find how much money was gained. \_\_\_\_\_
26. **Communicate Mathematical Ideas** If the bakery started with an extra \$250 from the profits in December, describe how to use the information in the table to figure out the profit or loss of money at the bakery by the end of August. Then calculate the profit or loss. \_\_\_\_\_  
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