

MODULE 2

Adding RealLife Numbers

ANSWER KEY

Part 1: Addition Facts
Practice Your Skills

Exercise 1A

Write down the numbers that are the addends. Circle the number that is the sum.

1. $7 + 3 = 10$ _____

2. $0 + 2 = 2$ _____

3. $6 + 6 = 12$ _____

4. $3 + 4 = 7$ _____

Exercise 1B

Write the number sentence.

5. six plus three equals nine _____

6. nine plus one equals ten _____

7. four plus five is nine _____

8. two plus zero is two _____

Exercise 1C**Add.**

9.	5	10.	3	11.	2	12.	3	13.	6
	<u>+0</u>		<u>+1</u>		<u>+4</u>		<u>+4</u>		<u>+7</u>

14.	8	15.	5	16.	9	17.	6	18.	7
	<u>+6</u>		<u>+2</u>		<u>+9</u>		<u>+9</u>		<u>+7</u>

19.	8	20.	4	21.	5	22.	7	23.	1
	<u>+3</u>		<u>+6</u>		<u>+9</u>		<u>+8</u>		<u>+8</u>

24.	7	25.	3	26.	8	27.	3	28.	5
	<u>+4</u>		<u>+3</u>		<u>+5</u>		<u>+9</u>		<u>+5</u>

29. $0 + 7 =$ _____	30. $4 + 9 =$ _____	31. $1 + 6 =$ _____
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32. $6 + 2 =$ _____	33. $9 + 3 =$ _____	34. $6 + 8 =$ _____
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35. $6 + (2 + 3) =$ _____	36. $(4 + 1) + 7 =$ _____
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37. $(3 + 0) + 4 =$ _____	38. $7 + (3 + 5) =$ _____
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Critical Thinking Skills

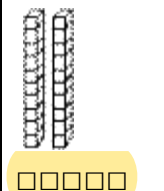
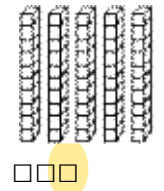
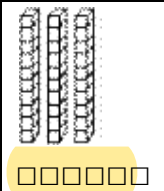
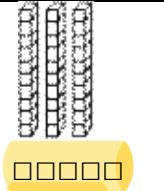
39. Write two number sentences to show that the order of the addends does not change the sum. Use the numbers 6 and 3.

40. Write two number sentences to show that changing the grouping of the addends does not change the sum. Use the numbers 4, 2, and 5.

PART 2: Adding 2 Digit Numbers with Regrouping Practice Your Skills

Exercise 2A

Add. Circle or highlight the 10 ones you regroup as 1 ten.

1.		<u>Tens</u> 2 <u>+3</u>	<u>Ones</u> 5 <u>6</u>	2.		<u>Tens</u> 5 <u>+3</u>	<u>Ones</u> 3 <u>9</u>
							

Exercise 2B

Add.

$$\begin{array}{r} 3. \quad 27 \\ +11 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 19 \\ +26 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 38 \\ +17 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 52 \\ +30 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 64 \\ +19 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 34 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 73 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 60 \\ +14 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 57 \\ +35 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 43 \\ +28 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 16 \\ +48 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 35 \\ +25 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 63 \\ +28 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 14 \\ +57 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 80 \\ +17 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 39 \\ +11 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 67 \\ +24 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 48 \\ +23 \\ \hline \end{array}$$

RealLife Math

Exercise 2C

21. Ben bought 2 pumpkins at the farmers' market. One weighed 13 kilograms and the other weighed 19 kilograms. How much did both weigh?

22. Fiftyfive customers visited the farmers' market on Friday. Twentynine customers went on Saturday. How many customers were there in twodays?

Part 3: Estimating Sums
Practice Your Skills

Exercise 3A

Round each number. Then estimate the sum.

- | | | | | |
|------------------------|------------------------|------------------------|------------------------|------------------------|
| 1. 27
<u>+13</u> | 2. 35
<u>+11</u> | 3. 14
<u>+37</u> | 4. 53
<u>+18</u> | 5. 44
<u>+21</u> |
| 6. 36
<u>+28</u> | 7. 62
<u>+14</u> | 8. 21
<u>+38</u> | 9. 15
<u>+49</u> | 10. 56
<u>+24</u> |
| 11. 16
<u>+69</u> | 12. 24
<u>+32</u> | 13. 43
<u>+43</u> | 14. 67
<u>+25</u> | 15. 19
<u>+31</u> |
| 16. 40
<u>+37</u> | 17. 22
<u>+58</u> | 18. 71
<u>+12</u> | 19. 82
<u>+9</u> | 20. 23
<u>+45</u> |

Exercise 3B

Round each amount to the greatest place.
Then estimate the sum.

- | | | | | |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 21. \$1.35
<u>+2.27</u> | 22. \$5.07
<u>+2.99</u> | 23. \$7.85
<u>+4.50</u> | 24. \$11.35
<u>+15.87</u> | 25. \$13.55
<u>+24.62</u> |
| 26. \$25.78
<u>+32.12</u> | 27. \$17.22
<u>+13.89</u> | 28. \$24.63
<u>+45.17</u> | 29. \$49.73
<u>+24.01</u> | 30. \$34.15
<u>+38.75</u> |

Part 4: Adding Greater Numbers
Practice Your Skills

Exercise 4A
Complete.

1. 16 tens = _____ hundred _____ tens. 2. 11 tens = _____ hundred _____ tens
3. 49 tens = _____ hundreds _____ tens. 4. 62 tens = _____ hundreds _____ tens

Exercise 4B
Add.

- | | | | | | | | | | |
|-----|--|-----|--|-----|--|-----|--|-----|--|
| 5. | $\begin{array}{r} 324 \\ +263 \\ \hline \end{array}$ | 6. | $\begin{array}{r} 516 \\ +275 \\ \hline \end{array}$ | 7. | $\begin{array}{r} 287 \\ +107 \\ \hline \end{array}$ | 8. | $\begin{array}{r} 628 \\ +394 \\ \hline \end{array}$ | 9. | $\begin{array}{r} 412 \\ +278 \\ \hline \end{array}$ |
| 10. | $\begin{array}{r} 364 \\ +389 \\ \hline \end{array}$ | 11. | $\begin{array}{r} 781 \\ +129 \\ \hline \end{array}$ | 12. | $\begin{array}{r} 437 \\ +367 \\ \hline \end{array}$ | 13. | $\begin{array}{r} 517 \\ +183 \\ \hline \end{array}$ | 14. | $\begin{array}{r} 614 \\ +209 \\ \hline \end{array}$ |
| 15. | $\begin{array}{r} 612 \\ +135 \\ \hline \end{array}$ | 16. | $\begin{array}{r} 241 \\ +287 \\ \hline \end{array}$ | 17. | $\begin{array}{r} 384 \\ +219 \\ \hline \end{array}$ | 18. | $\begin{array}{r} 417 \\ +384 \\ \hline \end{array}$ | 19. | $\begin{array}{r} 199 \\ +285 \\ \hline \end{array}$ |

20.	4,183	21.	3,089	22.	7,899	23.	8,907	24.	5,037
	<u>+3,187</u>		<u>+4,685</u>		<u>+4,462</u>		<u>+3,017</u>		<u>+4,985</u>

25.	6,184	26.	4,896	27.	9,843	28.	4,612	29.	7,984
	<u>+5,897</u>		<u>+3,064</u>		<u>+2,381</u>		<u>+3,079</u>		<u>+2,163</u>

30.	84,621	31.	63,481	32.	41,016	33.	56,107	34.	73,985
	<u>+35,163</u>		<u>+4,794</u>		<u>+38,947</u>		<u>+31,816</u>		<u>+43,016</u>

35.	12,073	36.	27,006	37.	68,144	38.	30,483	39.	68,621
	<u>+28,409</u>		<u>+38,879</u>		<u>+23,095</u>		<u>+3,949</u>		<u>+39,774</u>

Part 5: Identifying Information Needed to Solve a Problem

Practice Your Skills

RealLife Math

Exercise 5A

Read the problem. Circle or highlight the letter of the information you would need to solve the problem.

1. Bonnie bought a super-saver airline ticket to Montreal. The price of the ticket was \$389. How much money did she save by buying a super-saver ticket?

- a. when she bought the ticket
- b. the cost of the regular priced airline ticket
- c. which airline she purchased the ticket from

2. Ronnie bought a computer magazine and a sports magazine at the newsstand. The total price for both magazines was \$12.98. How much change did he receive?

- a. the price of each magazine
- b. the sales tax rate
- c. the amount of money given to the clerk

RealLife Math

Exercise 5B

Write what information, if any, you would need to solve each problem. Solve the problems that can be solved.

3. Marci bought 6 magazines for her flight from Charlottetown to Vancouver. She bought 3 more magazines during her layover in Toronto. How many magazines does she have now?

4. There were 3,457 visitors at the county fair this year. How many more people attended the fair this year than last year?

5. Charlie has enough sales reports to read a different one every day during the month of September and still have 7 left. How many sales reports does Charlie have?

Part 6: Column Addition
Practice Your Skills

Exercise 6A
Add.

- | | | | | | | | | | |
|-----|--------------------------|-----|--------------------------|-----|--------------------------|-----|--------------------------|-----|--------------------------|
| 1. | 3
2
<u>+7</u> | 2. | 4
2
<u>+6</u> | 3. | 5
3
<u>+5</u> | 4. | 1
7
<u>+9</u> | 5. | 2
6
<u>+8</u> |
| 6. | 3
4
7
<u>+9</u> | 7. | 2
4
6
<u>+8</u> | 8. | 5
9
3
<u>+1</u> | 9. | 6
8
9
<u>+4</u> | 10. | 2
6
8
<u>+4</u> |
| 11. | 45
36
<u>+14</u> | 12. | 89
16
<u>+32</u> | 13. | 56
39
<u>+18</u> | 14. | 42
16
<u>+58</u> | 15. | 22
18
<u>+48</u> |
| 16. | 12
17
<u>+89</u> | 17. | 46
38
<u>+17</u> | 18. | 33
62
<u>+24</u> | 19. | 53
22
<u>+39</u> | 20. | 38
58
<u>+74</u> |

Use mental math to add.

21. 6 16 26 22. 3 13 23
 +9 +9 +9 +2 +2 +2

Complete the table by adding to find the sticker price.

Base Price	Price of Options	Destination Charges	Sticker Price
\$ 9,857	\$1,072	\$1,200	
\$10,010	\$ 957	\$1,100	
\$13,894	\$ 3,007	\$1,275	
\$ 9,845	\$ 709	\$1,125	
\$15,568	\$987	\$1,100	

RealLife Math

Module 2 TaskBased Activity: Interpret a Nutrition Label

31. Brian’s doctor has advised that he should lower his daily fat intake so he is keeping track of how many grams of fat he eats in a day. His breakfast contained 12 grams of fat. His lunch had 17 grams, and his dinner had 13 grams of fat. How many grams of fat did Brian have today?

32. Look at the nutrition label. How many total grams of fat per serving does this product contain?

Circle, highlight or underline the number of grams of saturated fat per serving this product contains.

Nutrition Facts	
Serving Size 1/2 cup (115g)	
Servings Per Container About 4	
Amount Per Serving	
Calories 250	Calories from Fat 130
% Daily Value*	
Total Fat 14g	22%
Saturated Fat 9g	45%
Cholesterol 55mg	18%
Sodium 75mg	3%
Total Carbohydrate 26g	9%
Dietary Fiber 0g	0%
Sugars 26g	
Protein 4g	
Vitamin A 10%	Vitamin C 0%
Calcium 10%	Iron 0%
* Percent Daily Values are based on a 2,000 calorie diet.	

Module 2: Adding Whole Numbers

Review

Add.

1.	$\begin{array}{r} 3 \\ +0 \\ \hline \end{array}$	2.	$\begin{array}{r} 4 \\ +9 \\ \hline \end{array}$	3.	$\begin{array}{r} 6 \\ +3 \\ \hline \end{array}$	4.	$\begin{array}{r} 1 \\ +7 \\ \hline \end{array}$	5.	$\begin{array}{r} 6 \\ +6 \\ \hline \end{array}$
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6.	$\begin{array}{r} 16 \\ +14 \\ \hline \end{array}$	7.	$\begin{array}{r} 89 \\ +3 \\ \hline \end{array}$	8.	$\begin{array}{r} 42 \\ +19 \\ \hline \end{array}$	9.	$\begin{array}{r} 38 \\ +24 \\ \hline \end{array}$	10.	$\begin{array}{r} 25 \\ +39 \\ \hline \end{array}$
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11.	$\begin{array}{r} 389 \\ +252 \\ \hline \end{array}$	12.	$\begin{array}{r} 467 \\ +227 \\ \hline \end{array}$	13.	$\begin{array}{r} 841 \\ +389 \\ \hline \end{array}$	14.	$\begin{array}{r} 507 \\ +258 \\ \hline \end{array}$	15.	$\begin{array}{r} 167 \\ +284 \\ \hline \end{array}$
-----	--	-----	--	-----	--	-----	--	-----	--

16.	$\begin{array}{r} 3,841 \\ +2,173 \\ \hline \end{array}$	17.	$\begin{array}{r} 5,187 \\ +3,980 \\ \hline \end{array}$	18.	$\begin{array}{r} 6,074 \\ +1,963 \\ \hline \end{array}$	19.	$\begin{array}{r} 4,146 \\ +3,278 \\ \hline \end{array}$	20.	$\begin{array}{r} 2,899 \\ +5,776 \\ \hline \end{array}$
-----	--	-----	--	-----	--	-----	--	-----	--

$$\begin{array}{rclclcl}
 21. & 14,873 & 22. & 38,684 & 23. & 68,142 & 24. & 30,707 & 25. & 53,869 \\
 & +12,427 & & +10,807 & & +17,893 & & +13,014 & & +12,947 \\
 \hline
 \end{array}$$

Estimate the sum.

$$\begin{array}{rclclcl}
 26. & 37 & 27. & 63 & 28. & 45 & 29. & 39 & 30. & 77 \\
 & +24 & & +14 & & +22 & & +14 & & +13 \\
 \hline
 \end{array}$$

Complete the word problem chart below.

Problem	Show Your Work	Answer
Tom works at a pet shelter. There were 7 cats living at the shelter. Yesterday, 2 more cats were dropped off. Today, one of the cats gave birth to 4 kittens. How many cats are living at the shelter in total?		
Sara is working at Walmart. She is working overnight to help with inventory. Her job is to count all of the towels. Before her break she counted 13 towels, after her break she counted 36 towels. How many towels has she counted in total?		
The local hospital has 112 patients on the 1 st floor, 237 on the 2 nd and 3 rd floors and 344 on the remaining floors. How many patients are in the hospital all together?		