

# Module 1

## Reading and Writing Real-Life Numbers

### Part 1: Using Number in Real-Life

#### Exercise 1-A

Letter	Question	Answer
B	1. What year is it?	
A	2. What is your phone number?	
A	3. What is your postal code?	
B	4. What year were you born?	
C	5. How many kilometres is it from your house to where you are right now?	
C	5. How many litres of gas does your gas tank hold?	
B	6. What time does your favourite television show come on?	
C	7. What is the speed limit in front of your house?	
C	8. What is the population of the city you live in?	
B	9. What time do you usually go to bed at night?	
C	10. How many hours do you usually sleep at night?	
D	11. How much does a pack of gum cost?	
E	12. What is your favourite number?	

### Part 2: Understanding Place Value when Reading and Writing Numbers

#### Exercise 2-A

1. 37      2. 52      3. 70      4. 211      5. 693  
 6. 302      7. 824      8. 1,239      9. 4,908  
 10. 7,055      11. 430      12. 531      13. 341  
 14. 1,234      15. 4,422

#### Exercise 2-B

16.  $30 + 8$       17.  $20 + 5$       18.  $50 + 4$   
 19.  $600 + 20 + 9$       20.  $500 + 80 + 2$   
 21.  $1,000 + 500 + 60 + 2$   
 22.  $3,000 + 800 + 90 + 4$

**Exercise 2-C**

23. ninety-four    24. twelve    25. one hundred one  
26. three hundred ninety-nine  
27. four thousand eight hundred ninety-three  
28. one thousand one hundred five    29. five thousand eleven

**Part 3: Understanding Place Value to Billions****Exercise 3-A**

1. 1; 9; 4; 6; 5    2. 6; 6; 3; 9; 4; 5; 3

**Exercise 3-B**

3. 306,000    4. 45,000    5. 741,087  
6. 928,406,104    7. 418,100,895  
8. 803,986,000    9. 288,206,000

**Exercise 3-C**

10. tens    11. hundreds    12. thousands  
13. ones    14. tens    15. hundreds  
16. 30    17. 50    18. 9    19. 700  
20. 3,000    21. 90,000    22. 40  
23. 100,000    24. 80,000    25. 500,000  
26. 2,000,000    27. 2    28. 300,000,000    29. 30,000,000

**Real-Life Math**

30. 8 hundred 64  
31. 18 thousand, 760  
32. 48 million, 165 thousand, 16

**Part 4: Comparing and Ordering Numbers****Exercise 4-A**

1. <    2. >    3. >    4. <    5. <    6. <  
7. <    8. =    9. >    10. >    11. >    12. <  
13. <    14. =    15. <    16. >    17. >  
18. <    19. >    20. >

**Exercise 4-B**

21. 899; 876; 427            22. 8,402; 8,024; 8,009  
23. 8,204; 4,873; 4,820    24. 56,893; 56,712; 54,839  
25. 983,704; 893,407; 892,609

**Real-Life Math**

26. Wednesday            27. John

**Part 5: Rounding Numbers****Exercise 5-A**

1. 30   2. 50   3. 60   4. 90   5. 30  
6. 20   7. 10   8. 40   9. 60   10. 40  
11. 10            12. 70

**Exercise 5-B**

13. 400      14. 300      15. 600      16. 600  
17. 500      18. 200      19. 400      20. 700  
21. 100      22. 300      23. 900      24. 900

**Exercise 5-C**

25. 3,000    26. 1,000    27. 4,000  
28. 6,000    29. 4,000    30. 9,000  
31. 6,000    32. 7,000    33. 6,000  
34. 2,000    35. 2,000    36. 8,000

**Real-Life Math**

- 37.-39.** Answers will vary.

## Part 6: Problem Solving

### Real-Life Math

#### Exercise 6-A

1.

- What is given: She rode 76 kilometres last week and 62 kilometres this week;
- What do you need to find out: Did she ride more kilometres last week or this week
- How can you solve this problem: Compare 76 and 62. She rode more miles last week.

2.

- What is given: Grease made \$96,300,000 and The Godfather made \$86,275,000
- What do you need to find out: Which movie made more money?
- How can you solve this problem: Compare \$96,300,000 and \$86,275,000. Grease made more money.

3.

- What is given: There are 383 guests and 325 chairs
- What do you need to find out: Do you have enough chairs
- How can you solve this problem: Compare 383 chairs with 325 guests. You need more chairs

### Chapter 7

#### Exercise 7-A

- |            |            |            |             |
|------------|------------|------------|-------------|
| 1. \$0.15  | 2. \$0.30  | 3. \$0.65  | 4. \$1.80   |
| 5. \$1.20  | 6. \$1.05  | 7. \$5.50  | 8. \$9.00   |
| 9. \$3.00  | 10. \$0.50 | 11. \$0.30 | 12. \$20.00 |
| 13. \$0.25 | 14. \$0.60 | 15. \$3.55 | 16. \$10.05 |
| 17. \$5.80 | 18. \$7.50 | 19. \$9.50 | 20. \$2.85  |

#### Exercise 7-B

21. \$6.75    22. \$6.95

### Real-Life Math

## Module #1 Task-Based Activity: Interpret a table to compare populations of Canadian cities.

### OALCF Connection

- A. Find and Use Information: A2. Interpret documents
- C. Understand and Use Numbers: C4. Manage Data

1. Toronto
2. Vancouver, Halifax
3. Toronto
4. Halifax

5.

City	Population	Nearest Hundred	Nearest Thousand
Toronto, Ontario	2,615,060	2,615,100	2,615,000
Calgary, Alberta	1,096,833	1,096,800	1,097,000
Vancouver, British Columbia	603,502	603,500	604,000
Montreal, Quebec	1,649,519	1,649,500	1,650,000
Halifax, Nova Scotia	390,096	390,100	390,000

### Review

1. 13
2. 65
3. 90
4. 1,652
5. eighty-four
6. one hundred four
7. six thousand eight hundred ninety-three
8. fourteen thousand twenty-nine
9. 3
10. 5,000
11. 3,000
12. 600,000
13. 9,000,000
14. 10
15. <
16. <
17. <
18. =
19. 100
20. 600
21. 900
22. 8,000
23. 4,000
24. 7,000
25. \$0.55
26. \$1.35
27. \$6.00
28. \$5.10