

**LESSON**

**1-6**

**Review for Mastery**

**Subtracting Integers**

To subtract one integer from another, rewrite the subtraction as the addition of an opposite. Then use the rules for adding integers.

$4 - (-5)$       **Subtracting a Negative**

Change subtraction to  
addition of a positive.

$4 - 5$

**Subtracting a Positive**

$4 - (+5)$

Change subtraction to  
addition of a negative.

$4 + (+5)$

$4 + (-5)$



$4 - (-5) = 4 + 5 = 9$

$4 - 5 = 4 + (-5) = -1$

On a calculator,  means subtract and  will enter a negative number.

To do  $4 - (-5)$  on a calculator:

To do  $4 - 5$  on a calculator:

Input: 4  5

Input: 4  5

Display: 9

Display: -1

**Complete to find the difference. Remember to change two signs.**

1.  $7 - (-6)$  is the same as  $7$  \_\_\_\_\_  $6 =$  \_\_\_\_\_

2.  $-4 - 3$  is the same as  $-4$  \_\_\_\_\_  $3 =$  \_\_\_\_\_

3.  $-2 - (-9)$  is the same as  $-2$  \_\_\_\_\_  $9 =$  \_\_\_\_\_

4.  $14 - 16$  is the same as  $14$  \_\_\_\_\_  $16 =$  \_\_\_\_\_

5.  $7 - (-10)$  is the same as  $7$  \_\_\_\_\_  $10 =$  \_\_\_\_\_

6.  $-8 - (-19)$  is the same as  $-8$  \_\_\_\_\_  $19 =$  \_\_\_\_\_

7.  $-5 - 12$  is the same as  $-5$  \_\_\_\_\_  $12 =$  \_\_\_\_\_

**Find each difference. Use a calculator to check.**

8.  $7 - 12 =$  \_\_\_\_\_

9.  $-3 - 8 =$  \_\_\_\_\_

10.  $17 - (-4) =$  \_\_\_\_\_

11.  $-14 - (-3) =$  \_\_\_\_\_

12.  $5 - 8 =$  \_\_\_\_\_

13.  $-6 - 4 =$  \_\_\_\_\_

15. -136  
17. 1  
19. 2  
21. 4  
23. 3  
25. 1  
27. \$470

**Practice B**

1. 6  
3. -5  
5. -7  
7. -13  
9. -24  
11. -133  
13. 2  
15. 7  
17. 27  
19. -5  
21. 4  
23. 10  
25. 1957 feet
2. 5  
4. 6  
6. 7  
8. -18  
10. -33  
12. -78  
14. 5  
16. 20  
18. -35  
20. 11  
22. 0  
24. 22  
26. -45 pounds

**Practice C**

1. -37  
3. 57  
5. 10  
7. -60  
9. 85  
11. -13  
13. -100  
15. 20  
17. -30  
19. 226 - 349
2. 7  
4. -15  
6. -9  
8. 44  
10. -61  
12. 10  
14. -5  
16. -4  
18. 72 years  
20. -123

**Review for Mastery**

1. +; +; 13  
3. +; +; 7  
5. +; +; 17  
7. +; -; -17
2. +; -; -7  
4. +; -; -2  
6. +; +; 11  
8. -5

9. -11  
11. -11  
13. -10
10. 21  
12. -3

**Challenge**

1.  $-12 + (-3) + (-2) = -17$   
2.  $3 + 6 = 9$   
4. 8 points
3. higher  
5. 93
6.  $\frac{73 + 82 + 83 + 88 + 91 + 93}{6} = 85$
7. 71  
8. 93

**Problem Solving**

1. 43°F  
3. 100°F  
5. A  
7. D
2. 20,602 ft  
4. 68°C  
6. H

**Reading Strategies**

1. -8  
3. 5  
5.  $4 + (-5)$   
7. to the right  
9. to the left  
11. -1
2. 3  
4. -5  
6. at zero  
8. 4  
10. 5

**Puzzles, Twisters & Teasers**

