

5.7

Positive and Negative Decimal Addition

• Example 1

Find the sum: $2.5 + (-1.5) + (-0.5)$.

Successively,

$$\begin{aligned} 2.5 + (-1.5) + (-0.5) &= (2.5 + (-1.5)) + (-0.5) && \text{Add the first two numbers.} \\ &= 1 + (-0.5) && \text{Now add the third.} \\ &= 0.5 \end{aligned}$$

● ● ● CHECK YOURSELF 1

Find the sum.

$$-3.5 + (-1.5) + (-2.5)$$

● ● ● CHECK YOURSELF ANSWER

1. -7.5 .

5.7 Exercises

Name _____

Section _____

Date _____

A N S W E R S

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____

Add.

1. $-3.8 + 7.2$

2. $-3.8 + 2.9$

3. $-2.7 + 0.7$

4. $-4.6 + (-3.8)$

5. $-9.2 + (-5.1)$

6. $6.2 + 4.3 + (-7.6)$

7. $-3.3 + (-3.5) + 2.9$

8. $4.5 + 4.6 + (-9.1)$

9. $-8.4 + 8.5$

10. $-6.8 + 7.6$

11. $-2.5 + 7.08$

12. $7.16 + (-9.88)$

13. $4.68 + (-1.3)$

14. $-0.47 + 7.2$