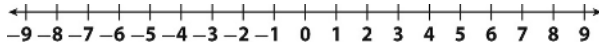
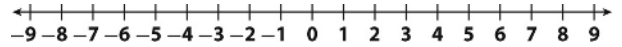


LESSON
3-2**Adding Rational Numbers****Practice and Problem Solving: A/B****Use a number line to find each sum.**

1. $-3 + 4$



2. $1 + (-8)$



Find each sum without using a number line.

3. $4 + 5$

4. $-3 + \frac{1}{2}$

5. $-\frac{2}{9} + \frac{3}{9}$

6. $-3.5 + (-4.9)$

7. $-2\frac{1}{4} + \left(-3\frac{1}{4}\right)$

8. $-0.6 + (-2.5)$

9. $-\frac{3}{4} + \frac{1}{5}$

10. $3 + (-7.5) + 1.2$

11. $-1.32 + 5.02 + (-1.24)$

12. $-3 + (-1.35) + 2.5$

13. $-6.5 + (-0.15) + (-0.2)$

14. $-\frac{3}{2} - \frac{7}{4} + \frac{1}{8}$

Solve.

15. Alex borrowed \$12.50 from his friend Danilo. He paid him back \$8.75. How much does he still owe?

16. A football team gains 18 yards in one play and then loses 12 yards in the next. What is the team's total yardage?

17. Dee Dee bought an apple for \$0.85, a sandwich for \$4.50, and a bottle of water for \$1.50. How much did Dee Dee spend?

18. Andre went hiking near his house. The first trail he hiked on took him 4.5 miles away from his house. The second trail he hiked took him 2.4 miles closer to his house. The third trail took him 1.7 miles further away from his house. After Andre hiked the three trails, how far from his house was he?

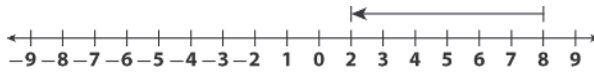
LESSON
3-3

Subtracting Rational Numbers

Practice and Problem Solving: D

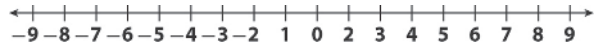
Use a number line to find each difference. The first one is done for you.

1. $8 - 6$

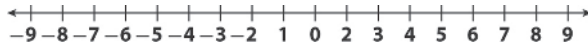


2

2. $5 - (-1)$

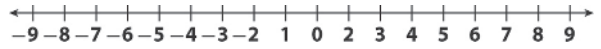


3. $-5 - (-2)$

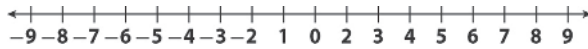


-3

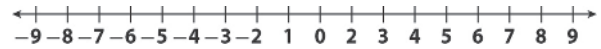
4. $-2 - 5$



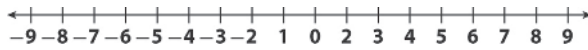
5. $1 - 4$



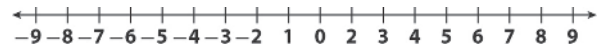
6. $4 - (-4)$



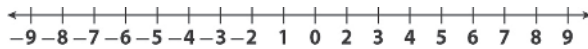
7. $1 - (-0.5)$



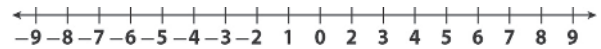
8. $-2 - 1$



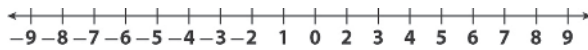
9. $1.5 - 3$



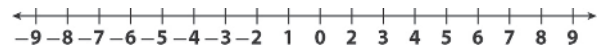
10. $2 - \frac{1}{2}$



11. $\frac{1}{2} - 1\frac{1}{2}$



12. $-\frac{1}{2} - 1$



Find each difference without using a number line. The first one is done for you.

13. $6 - (-1)$

7

14. $\frac{1}{3} - \frac{5}{3}$

15. $-\frac{1}{8} - \frac{3}{8}$

16. $-1.5 - (-2.9)$

17. $-2 - 0.2$

18. $-4.0 - 3.8$

19. $-1\frac{3}{4} - \frac{1}{4}$

20. $-2 - 4.5$

21. $-0.2 - 0.8$
