Use a number line to find each sum. (Explore Activity 1)
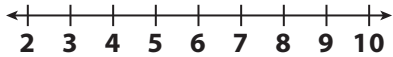
1. $9 + (-3) =$ _____
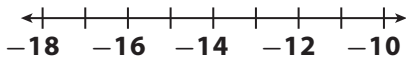

2 3 4 5 6 7 8 9 10

2. $-2 + 7 =$ _____

−3 −2 −1 0 1 2 3 4 5

3. $-15 + 4 =$ _____

−18   −16   −14   −12   −10

4. $1 + (-4) =$ _____

−5 −4 −3 −2 −1 0 1 2 3
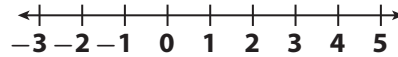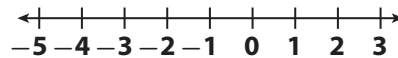
Circle the zero pairs in each model. Find the sum. (Explore Activity 2)

5. $-4 + 5 =$ _____

6. $-6 + 6 =$ _____

7. $2 + (-5) =$ _____

8. $-3 + 7 =$ _____

Find each sum. (Example 1)

9. $-8 + 14 =$ _____

10. $7 + (-5) =$ _____

11. $5 + (-21) =$ _____

12. $14 + (-14) =$ _____

13. $0 + (-5) =$ _____

14. $32 + (-8) =$ _____

? ESSENTIAL QUESTION CHECK-IN

15. Describe how to find the sums $-4 + 2$ and $-4 + (-2)$ on a number line.

_____

_____

_____

17.2 Independent Practice

FL 7.NS.1.1, 7.NS.1.1b

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Find each sum.

**16.** $-15 + 71 =$ _____

17. $-53 + 45 =$ _____

18. $-79 + 79 =$ _____

19. $-25 + 50 =$ _____

20. $18 + (-32) =$ _____

21. $5 + (-100) =$ _____

22. $-12 + 8 + 7 =$ _____

23. $-8 + (-2) + 3 =$ _____

24. $15 + (-15) + 200 =$ _____

25. $-500 + (-600) + 1200 =$ _____

26. A football team gained 9 yards on one play and then lost 22 yards on the next. Write a sum of integers to find the overall change in field position. Explain your answer.

_____

27. A soccer team is having a car wash. The team spent $55 on supplies. They earned $275, including tips. The team's profit is the amount the team made after paying for supplies. Write a sum of integers that represents the team's profit.

_____

28. As shown in the illustration, Alexa had a negative balance in her checking account before depositing a $47.00 check. What is the new balance of Alexa's checking account?

_____

Accounts	Regular Checking	Sign Out

Search transactions

Available Balance
−$47.00
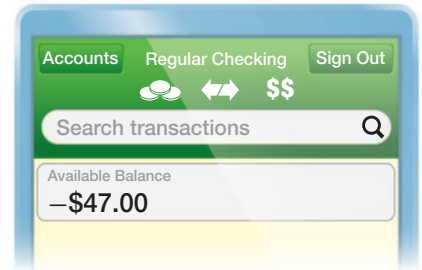
29. The sum of two integers with different signs is 8. Give two possible integers that fit this description.

_____

30. **Multistep** Bart and Sam played a game in which each player earns or loses points in each turn. A player's total score after two turns is the sum of his points earned or lost. The player with the greater score after two turns wins. Bart earned 123 points and lost 180 points. Sam earned 185 points and lost 255 points. Which person won the game? Explain.

_____

_____

_____