

Success Practice – Fluently Add and Subtract Decimals

Learning Target: I can fluently add and subtract positive and negative decimals.

Add or subtract.

1. $6.359 + (-5.18)$
2. $-13.32 - 48.8$
3. $75.7 - 98.25$

4. $-25.64 + (-6.375)$
5. $-54.66 + 34.87$
6. $29.78 - 61.341$

7. In Juneau, Alaska, the temperature was -15.65°F in the afternoon. As a cold front approached, the temperature dropped 9.8°F . Write and solve an expression to determine the new temperature.

8. Bob owed $\$225.59$ on his store credit card. He made a payment of $\$75.25$, and then he spent $\$40.29$ more with his credit card. Write and solve an expression to describing the total change in the credit card balance.

9. Danny's youth football team gained 5 yards on a play, lost 9 yards on the next play, then gained 3 yards on the third play. Write and solve an expression describing the total change of yardage.

10. You purchase a stock in a textile manufacturing company for \$48.25 per share. On Monday the stock gained \$8.65, on Tuesday the stock lost \$12.22, and on Wednesday, the stock lost \$2.05. Write and solve and solve an expression that represents the opening price of your stock when the market opens Thursday.

11. The table shows some of the top 10 leaders in a golf tournament after playing the front 9 holes. Write and solve an expression that represents the difference between the scores of the golfer that is in 5th place and the leader.

Place	Golfer	Score
1	Murphy	-8
2	Taylor	-6
3	Swanson	-2
4	Connor	1
5	Davidson	3

12. A submarine is submerged to a depth of 650.5 feet below sea level. It ascends 225.8 feet and then dives 50.75 feet. Write and solve an expression that represents the new position of the submarine

13. In Louisiana, the highest point of elevation is Driskill Mountain at 535.86 feet above sea level, and the lowest point of elevation is in New Orleans at 8.33 feet below sea level. Write and solve an expression that represents the difference between these two measures.

14. Felipe kept track of his earnings and expenses for the past month. Write and solve an expression that represents the amount of money, if any, he has at the end of the month.

Description	Amount
Babysitting	\$30.25
Car Wash	\$25.90
Movie Tickets	-\$24.50
Pair of Jeans	-\$58
Birthday Money	\$100.50

15. In Texas, the highest temperature recorded was 120.8°F on August 12, 1936 in Seymour. The lowest temperature recorded was -23.62°F on February 8, 1933 in Seminole. Write and solve an expression that represents the difference between these two measures.