

Name _____ Class _____ Date _____



COMMON CORE

7.NS.2, 7.NS.2a, 7.NS.2c

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18. Financial Literacy Sandy has \$200 in her bank account.

a. If she writes 6 checks for exactly \$19.98, what expression describes the change in her bank account?

b. What is her account balance after the checks are cashed?

19. Communicating Mathematical Ideas Explain, in words, how to find the product of $-4(-1.5)$ using a number line. Where do you end up?

20. Greg sets his watch for the correct time on Wednesday. Exactly one week later, he finds that his watch has lost $3\frac{1}{4}$ minutes. If his watch continues to lose time at the same rate, what will be the overall change in time after 8 weeks?

21. A submarine dives below the surface, heading downward in three moves. If each move downward was 325 feet, where is the submarine after it is finished diving?

22. Multistep For Home Economics class, Sandra has 5 cups of flour. She made 3 batches of cookies that each used 1.5 cups of flour. Write and solve an expression to find the amount of flour Sandra has left after making the 3 batches of cookies.

23. Critique Reasoning In class, Matthew stated, "I think that a negative is like an opposite. That is why multiplying a negative times a negative equals a positive. The opposite of negative is positive, so it is just like multiplying the opposite of a negative twice, which is two positives." Do you agree or disagree with his reasoning? What would you say in response to him?

24. Kaitlin is on a long car trip. Every time she stops to buy gas, she loses 15 minutes of travel time. If she has to stop 5 times, how late will she be getting to her destination?

