

Name _____

Mark the best answer.

1. The Albanyville library has a study room that is 13.67 square meters on the first floor and a closet that is 9.52 square meters on the second floor. Which of the following is the best estimate of the total number of square meters of the two rooms? (2-3)
 - A 20
 - B 21
 - C 22
 - D 24
2. What is 3.962 rounded to the nearest hundredth? (2-2)
 - A 3.90
 - B 3.95
 - C 3.96
 - D 3.97
3. Felipe needs to run two miles for soccer team tryouts. He ran his first mile in 11.56 minutes. He ran his second mile in 11.12 minutes. What is the combined time for the two miles? (2-5)
 - A 22.79 minutes
 - B 22.69 minutes
 - C 22.68 minutes
 - D 21.69 minutes
4. Ehrin worked 25.75 hours last week. She worked 17.25 this week. How many total hours did she work these two weeks? (2-1)
 - A 26
 - B 33
 - C 42
 - D 43

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5. Manny has a ranch that is 15.47 acres. Jason has a ranch that is 12.55 acres. How many more acres is Manny's ranch than Jason's? (2-6)

- A 1.92
- B 2.92
- C 3.92
- D 28.02

6. The Student Government Association ordered 10.5 meters of ribbon in colors red, blue, and purple. If 3.8 meters are blue and 4.2 meters are purple, how many meters are red? Mr. Gage's class used different strategies to represent the problem. Which is **NOT** a correct response? (2-7)

A $\frac{10.5 \text{ meters of ribbon in all}}{\begin{array}{|c|c|c|} \hline 3.8 & 4.2 & ? \\ \hline \end{array}}$

B $3.8 + 4.2 + ? = 10.5$

C $10.5 - 3.8 - 4.2 = ?$

D $\frac{10.5 + ?}{\begin{array}{|c|c|} \hline 3.8 & 4.2 \\ \hline \end{array}}$

7. Which two runners' distances combined are less than 6 miles? (2-3)

Runner	Miles
Tom	3.5
Jan	3.95
Pete	2.25
Maria	4.55

8. Tammy has a rope that is 17.549 meters long. What is 17.549 rounded to the nearest hundredth? (2-2)

9. A school cafeteria has one window that is 2.09 meters wide. It has another window that is 3.21 meters wide. What is the total width of the two windows? Use mental math to solve. (2-1)

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10. Tamera buys a shirt for \$14.69 and a pair of pants for \$21.32. How much more does she spend for the pants? (2-6)

11. The Ming family spent \$15 on lunch and \$7 on dessert. What is a way to find how much change they would get from \$30? (2-7)

12. Erin has \$53.96. Her friend Carole owes her \$8.34. How much money will Erin have when Carole repays her? (2-5)

13. Estimate $9.45 + 20.51 + 30.05 + 3.1$ by rounding to the nearest whole number. What numbers did you add? (2-3)

14. Use mental math to solve. Carol has \$11.20 in one piggy bank and \$23.80 in another piggy bank. How much money does she have in all? (2-1)

15. Estimate to determine if the difference of $6.2 - 4.96$ is less than or greater than 1. (2-4)

16. Eric's family is driving to Los Angeles. The total distance is 250 miles. First, they drive 123.7 miles and stop for lunch. Then they drive 64.4 miles and stop for gas. How many miles do they need to drive to complete their trip? What is a hidden question you need to answer to solve the problem? (2-7)

17. At the store, Nela bought a rose for \$4.59, a carnation for \$5.39, and a tulip for \$3.79. Round to the nearest dollar to determine about how much Nela spent. Write an equation to show your work. (2-3)
