

Name: _____

Due Date: _____

TOPIC 2 STUDY GUIDE

1. A dollhouse has 15.15 square feet downstairs and 6.25 square feet upstairs. What is a good estimate of the total square footage in the dollhouse? Show your work.
2. What is 2.934 rounded to the nearest hundredth?
3. Eduardo is training for a marathon. He ran his first mile in 12.56 minutes and his second mile in 12.98 minutes. What is his combined time for the first two miles? Show your work.
4. Beth worked 33.25 hours last week and 23.75 hours this week. How many total hours did she work? Use mental math to solve.
5. The Thomas Jefferson Memorial is on 18.36 acres of land and the Franklin Delano Roosevelt Memorial is on 7.5 acres of land. How many more acres of land is the Jefferson Memorial on than the Roosevelt Memorial? Show your work.
6. Draw a picture to represent this problem: Parson's Sporting Goods ordered 56 T-shirts in sizes small, medium, and large. If 23 T-shirts are medium and 12 T-shirts are large, how many are small?

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7. Which two trails combined are less than 4 miles?

<i>Trails</i>	<i>Miles</i>
Red	2.75
Blue	3.5
Yellow	2.95
Green	1.2

8. Azim kicked a soccer ball 13.48 meters. What is 13.48 rounded to the nearest tenth?
9. Ann has one cat that is 13.6 cm tall. She has another cat that is 6.1 cm tall. How much taller is one cat than the other? Use mental math to solve.
10. Parker has a rabbit that is 21.9 cm long. Keenan's rabbit is 23.4 cm long. How much longer is Keenan's rabbit than Parker's? Show your work.
11. Adam has \$87.25. His friend Kyle owes him \$7.69. How much money will Adam have when Kyle repays him? Show your work.
12. Estimate $84.1 + 3.65 + 41.06$ by rounding to the nearest whole number. What numbers did you add?

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13. Estimate to determine if the difference of $3.4 - 1.95$ is less than or greater than one.
14. Kerry bought a loaf of bread for \$3.49, a jar of jam for \$2.29, and a jar of peanut butter for \$3.89. Round to the nearest dollar to determine about how much Kerry spent. Write an equation to show your work.
15. Jared rode in a bike race and covered 7 miles on the first day. The race is 25 miles. Draw a picture and write an equation to determine how much farther he has to ride.