

Name

Date.....

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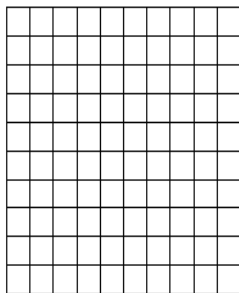
Math Units 2-3 Study Guide

1. When traveling back from Europe, Mrs. Rooks exchanged 25 euros for dollars. She received \$1.20 for each euro. How much did Mrs. Rooks receive?

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2. Find the quotient. Use the grid to help you divide. *Show with colored pencils!

$$0.3 \div 6 = \text{.....}$$



3. Find the sum.

$$14.73 + 4.65 + 2.22 = \text{.....}$$

4. Find the difference.

$$9.5 - 4.39 = \text{.....}$$

5. Find the product.

$$0.79 \times 0.4 = \text{.....}$$

6. List the following decimals in order from greatest to least:

5.8, 5.75, 5.321, 5.872, 5.302

7. The McIntyre family drove 128.7 miles from their home in Perry, GA to visit family for Christmas break. They used 4.5 gallons of gas.

How many miles per gallon did they get on the trip? Show your work.

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8. You need 16 gallons of gas to fill up your car. If gas cost \$2.32 per gallon, how much will it cost to fill up your gas tank? Show your work.

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9. Dividing 131,482 by which power of 10 will result in 131.482?

- a. 10^2
- b. 10^3
- c. 10^4
- d. 10^5

10. Rory lives 8,654 meters from the school. How many kilometers does she live from the school? (1 kg = 1,000 meters)

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11. Ben's favorite baseball player is 6 feet 4 inches tall. How tall is Ben's favorite baseball player? (1 foot = 12 inches)

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12. The Adams' family went on vacation. They spent \$172.00 for a hotel in Atlanta. They bought 4 tickets to Six-Flags for \$53.00 each. They spent \$23.64 at Chick-Fil-A for lunch and \$103.93 on gas. What was the total they spent on vacation?

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13. Griffin had \$30.24. He wants to divide this amount evenly between himself and two of his friends. How much should each person get?

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14. Compare the following number using $<$, $>$, or $=$.

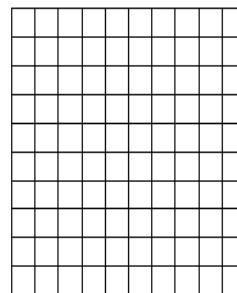
1.908 ○ 1.98

15. Which statement is true?

- a. $0.04 = 0.40$
- b. $0.936 > 0.963$
- c. $0.203 < 0.023$
- d. $0.7 = 0.70$

16. Use the hundredths grid to solve the following equation. *Show with colored pencils!

$0.9 \times 0.3 = \dots\dots\dots$



17. What is 96.457 rounded to the nearest hundredth?

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18. The MAES jogging club record for one mile is five and three hundred forty-five thousandths minutes. Write this numbers in expanded form using decimals.

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19. Kalob bought 1.2 pounds of ham from the deli. He paid a total of \$5.88 for the ham. What was the price per pound of the ham?

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20. Carley and her friend went to the movies. They bought 2 tickets for \$9.50 each, 2 drinks for \$4.25 each, and 2 boxes of candy for \$2.25 each. Carley had a \$50 gift card. How much money will be left on the gift card?

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