Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Unit 9 (Division) Math Test**

Read the directions in each section to solve the problems. Raise your hands to ask any questions you might have. Do you best work and check your answers.

Directions: Use place value patterns to solve the following problems.

1. 900 ÷ 3 =
2. 6400 ÷ 8 =
3. 120 ÷ 4 =
4. 72 ÷ 9 =
5. 5400 ÷ 6 =

Directions: Estimate to solve the following problems.

1. 179 ÷ 9 =
2. 241 ÷ 6 =
3. 352 ÷ 5 =

Directions: Estimate and use place value to solve the following problems.

1. 1527 ÷ 3 =
2. 6298 ÷ 7 =

Directions: Divide to find the answer and remainder for each problem. You may use pictures to help you or work it out in numbers. You MUST show all of your work.

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**11.** 4 ) 27 **12.** 9 ) 61 **13.** 1 ) 42 **14.** 9 ) 37 **15.** 4 ) 71

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**16.** 3 ) 35 **17.** 4 )72 **18.** 7 ) 26 **19.** 1 )94 **20.** 5 ) 20

Directions: Solve the following story problems. Underline or highlight important details. Don’t forget to decide if there is ‘not enough’ or ‘extra’ based on the remainder when choosing your answer. Show all work and make sure to write labels.

1. Louisa’s Girl Scout troop is going camping. There are 14 girls and 3 adults going on the trip. If 4 people can fit in each tent, how many tents will they need so that everyone can sleep in a tent?

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Markus is having a party. There will be 8 people at the party including Markus. If he has 27 slices of pizza, how many slices can each guest have?

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions: Solve the following story problems showing a **PICTURE and NUMBER SENTENCE**. Underline or highlight important details. Show all work and make sure to write your answer in an answer sentence.

1. Mrs. Gullo needs to break her students into groups of 4 for a game. Groups cannot have any more or less than 4 players of the game will not work. If she has 31 students, can she play this game? Why or why not. Be sure to include both a picture and a division sentence when you show your work to answer this question.

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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