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

Math Pro 5 HW #53 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Thanksgiving Break Packet

1. Mr. Morris built a fence to enclose his yard. He put up $\frac{3}{4}$ of the fence on Monday. On Tuesday, he put up $\frac{1}{6}$ of the fence, and on Wednesday, he put up the rest of the fence. What portion of the fence did he put up on Wednesday?

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

1. Which statement is true about the product of $\frac{5}{12}$ × 7?
2. The product is greater than each factor.
3. The product is less than each factor.
4. The product is greater than $\frac{5}{12}$ but less than 7
5. The product is equal to one of the factors.
6. Each lap around Eastern Park is 3 $\frac{3}{4}$ miles. Janet rode her bike $\frac{2}{3}$ of a lap before one of the tires on her bike went flat.

How many miles did Janet ride before one of the tires on her bike went flat?

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

1. Sophia asked the students in her class to name their favorite sport. She made this list to display the results.

• $\frac{1}{3}$ of the students named basketball

• $\frac{1}{8}$ of the students named soccer

• $\frac{5}{12}$ of the students named football

• The rest of the students in the class named baseball.

What fraction of the students in the class named baseball as their favorite sport?

Show your work

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

1. A recipe for 1 batch of muffins included $\frac{2}{3}$ cup of raisins. Stacey made 2 $\frac{1}{2}$ batches of muffins. How many cups of raisins did she use?

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

1. Mani, James, and Isidro equally shared $\frac{1}{2}$ of a pie. Which fraction of the whole pie did each of them receive?

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

1. Austin collected 30 $\frac{9}{10}$ kilograms of glass for recycling. Exactly $\frac{2}{3}$ of the glass he collected was blue. What was the total amount, in kilograms, of blue glass Austin collected?

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

1. A box contains 512 grams of cereal. One serving of cereal is 56 grams. How many servings of cereal does the box contain?
2. 9 $\frac{1}{4}$
3. 9 $\frac{1}{8}$
4. 9 $\frac{8}{56}$
5. 9 $\frac{8}{512}$
6. Deb has a board that measures 5 feet in length. How many $\frac{1}{4}$ -foot-long pieces can Deb cut from the board?

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

1. Ann and Margie had a total of 3 gallons of paint to share for a project. They had 1 gallon each of red paint, blue paint, and yellow paint.

• To complete the project, Ann used $\frac{3}{8}$ of the red paint, $\frac{1}{4}$ of the blue paint, and $\frac{1}{2}$ of the yellow paint.

• To complete the project, Margie used $\frac{1}{2}$ of the red paint, $\frac{5}{8}$ of the blue paint, and $\frac{1}{8}$ of the yellow paint.

How many total gallons of each color of paint were left after both girls had finished the project?

Show your work.

Answer Red: \_\_\_\_\_\_\_ gallons Blue: \_\_\_\_\_\_\_ gallons Yellow: \_\_\_\_\_\_\_ gallons

Using the leftover paint, Ann and Margie decide to make green paint. They mix the yellow and blue paint together to make the green paint. How many gallons of green paint can they make?

Answer \_\_\_\_\_\_\_\_\_\_ gallons