

**Review Homework Packet**

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

1. Mr. Frankford's class was preparing for a field trip to the Worthington Museum of Science. The museum's fee is \$3.75 per person. Mr. Frankford's class has 19 students.

What will be the total cost of the field trip?

2. Marcus started his own lawn service.

- He bought a large tank that holds 13 gallons of gasoline so that he can refill his equipment.
- His lawn mower holds  $\frac{1}{3}$  of a gallon of gas.

How many times will Marcus be able to refill his lawn mower until his tank is empty?

3. Melissa's mother went to the store.

- She bought one package of chicken that weighed  $4\frac{1}{3}$  pounds.
- She had  $2\frac{3}{4}$  pounds of chicken already.
- She cooks all of the chicken.
- They eat  $1\frac{1}{2}$  pounds of the chicken for dinner.

How much chicken remains after dinner?

4. Write the following numbers in standard form.

- Four and three tenths \_\_\_\_\_
- Twenty-nine thousand \_\_\_\_\_
- Twenty-nine thousandths \_\_\_\_\_
- One hundred thirty two \_\_\_\_\_
- One hundred and thirty two hundredths. \_\_\_\_\_

5. Bakeries can order special trays of eggs.

- The special trays hold 36 eggs.
- The Main Street Bakery orders 672 trays of eggs each Monday.

How many eggs do they have at the beginning of each week?

6. A pizza has 8 slices. If five people share the 8 slices equally, how many slices of pizza will each person get? (*Represent your answer as a fraction and a mixed number*)

7. A farmer has three different bee hives. Every Saturday the farmer collects honey from all three bee hives.

- He collects  $\frac{1}{2}$  of a gallon from bee hive A.
- He collects  $\frac{2}{3}$  of a gallon from bee hive B.
- He collects  $\frac{1}{4}$  of a gallon from bee hive C.

How many total gallons of honey did the farmer collect?

8. Henrietta bought curtains for her windows.

- The curtains are 5.2 feet tall.
- The windows are 3.75 feet tall.

How much taller are than curtains than the windows?

9. Identify the place of the digit five in the numbers below.

15.09 \_\_\_\_\_

154.24 \_\_\_\_\_

0.005 \_\_\_\_\_

89.0543 \_\_\_\_\_

70.5 \_\_\_\_\_

10. Circle the true statements below. Make the untrue statements true.

$0.9 = 9/10$

$0.05 = 5/10$

$0.007 = 7/100$

$0.25 = 2/10 + 5/10$

$0.76 = 76 \times (1/100)$

$0.54 = 0.45$

$0.8 = 0.800000$

11. What is difference in the expression  $5 \frac{1}{7} - 3 \frac{3}{4}$ ?

12. Michael bought an apple pie for his mom's birthday.

- Michael ate  $\frac{1}{4}$  of the pie.
- The rest of his family ate  $\frac{2}{3}$  of the pie.

How much of the pie is left after they finish eating?

13. Round each of the numbers below to the nearest tenth. Circle all of the number that round up. Explain why they are rounded up.

2.56712

12.71215

0.4444444

0.79

178.81

4.09871

14. A cement barrier weighs  $\frac{1}{6}$  of a ton. A truck can haul 2 tons. How many cement barriers can be loaded onto the truck?

15. Erick works for a local bakery.

- He puts the same number of muffins in each box he packages.
- On Monday he puts 1372 muffins into 98 boxes.
- On Tuesday he only packs 24 boxes.

How many muffins did he package on Tuesday?

16. Decide whether the statements are true or false. Defend your choices with reasoning.

$0.13 > 0.4$

$1.2 > 0.9$

$2.5 = 0.25$

$0.78 < 0.87$