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

Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Teacher: \_\_\_\_\_\_\_\_\_

**Decimal Review**

**Comparing and Ordering Fractions**

**Multiplying and Dividing Decimals**

1. Sean has invited 4 of his friends over to watch the Rolling Stones concert live on pay-per-view. Sean and his friends have agreed to split equally the $37.40 charge for this event. How much will each person pay?

1. Mrs. Garza bought 8 pounds of potatoes that cost $1.15 pound. How much money did she spend on potatoes?
2. Which expression can be used to find the maximum number of 0.4 meter lengths of wire that can be cut from an 8.8 meter length of wire?
   1. 0.4 ÷ 8.8 C. 0.4 + 8.8
   2. C. 8.8 x 0.4 D. 8.8 ÷ 0.4
3. A running track at Veronica’s school is 1.25 miles long. Veronica runs 3.5 laps. How many miles does she run?

A. 4.125 C.4.375

B. 4.75 D.5.025

1. Jeff gets paid $15.50 an hour for regular wages and $17.50 for overtime wages. Last week, Jeff work 40 hours for regular wages and 2.5 hours for overtime wages. How much money did Jeff earn last week?
2. An ant’s body has 3 separate sections. Suppose the ant measures 0.51 centimeters and the sections are equal in length. How long is each section in centimeters?
   1. 0.017 cm C. 0.17 cm
   2. C. 1.7 cm D. 17.0 cm
3. How many 0.75 pound bags of peanuts can be made form 4.5 pounds of

peanuts?

1. Tina was buying some special chocolates for her mom. She bought 2.25 lbs. of dark chocolate and 4.35 lbs. of mint-chocolate bars. She paid $13.86 for all of the chocolate. How much did she pay per pound for the special chocolates?
2. Last week Jake and Carl was racing each other. Jake ran 12.25 miles. Carl ran 13 ½ miles. How many more miles did Carl run?

**10.**  Kelly and Brandy bought 1.45 pounds of jelly beans on Monday. They bought 2.56 pounds on Tuesday. How many pounds did they buy in all?

**Comparing and Ordering Fractions**

**Copy and complete the statement using <, >, or =.**

**11.**  \_\_\_\_\_  **12.**  \_\_\_\_\_ 4.66 **13.**  \_\_\_\_\_\_\_ .75

**14.** Order from least to greatest:

2.75, , 25%, , , -2.3, 0.3, 34%

**15.** Which of the following fractions is between and :

* 1. ****

* 1. ****
  2. ****
  3. 

**16.** While making a project, Arnold buys  yards of fabric for a Halloween costume. He used  for his costume. How

much fabric did he have left?

Answer: \_\_\_\_\_\_\_\_ (Fraction)

**17.** Sue’s cookie recipe needed  cups of sugar for six dozen cookies. She only needed to make three dozen cookies. How much sugar does she need?

Answer: \_\_\_\_\_\_\_\_ (Fraction)

**18.** Mark bought  pounds of strawberries for a party. The strawberries cost $1.20 per pound. How much did he spend in all?

Answer: \_\_\_\_\_\_\_\_ (Decimal)

**19.** Jordan measured the height of a plant for three weeks. The plant was originally  inches tall. The first week the plant grew 2.25 inches. The next week, the plant grew  inches. During the last week, the plant grew 2.5 inches. How tall was the plant after three weeks?

Answer: \_\_\_\_\_\_\_\_ (Decimal or fraction)

**20.** Walker elementary will be having fundraiser. There are expecting every class to donate between $20 and $25. Which of the following is a reasonable estimate if there are 50 classrooms?

1. About $950
2. Between $1000 and $1250
3. Between $$1250 and $1450
4. More that $1500

**21.** Katie ate  of a pie. Jim ate 50% of the remaining pie. How much of the pie did Jim eat? Write your answer as a percent.

**22.** Find the average: , 4.67,  (Answer with a decimal)