Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Today’s Date:\_\_\_\_\_\_\_ Due Date:\_\_\_\_\_\_\_

**Test Review – SWOOP it!**

***Operations with Decimals, Comparing & Converting Fractions, Decimals & Percents***

1. Sean and 4 of his friends ordered pizza. They agreed to split the $37.40 charge for the pizza equally. How much will each person pay?
2. Mrs. Garza bought 8 pounds of potatoes that cost $1.15 per pound. How much money did she spend on potatoes?
3. The running track at Veronica’s school is 1.25 miles long. On Tuesday, Veronica ran 3.5 laps. How many miles does she run on Tuesday?
4. 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?
5. To make it past the first round of tryouts for the basketball team, Paul must make at least 35% of his free-throw attempts. During the first round of tryouts Paul makes 9 out of 25 attempts. Did Paul make it to the next round of try-outs?
6. It costs $0.85 per person to ride the city bus. At the end of the day, Veronique emptied the bus’s cash box and deposited $167.45 in fares. How many passengers rode the bus that day?
7. How much larger is a 4.5 pound bag of cashews than a 2.8 pound bag of cashews?
8. Enterprise Rent–A–Car company charges $19.50 per day to rent a car plus $0.10 for each mile traveled. Find the cost of renting a car for 3 days if you drive 875 miles.
9. The average annual rainfall for Houston is 30.8 inches, while El Paso in West Texas averages only 8.8 inches of rainfall annually. How many times greater is the average rainfall for Houston than El Paso?

*Use the table below to answer questions 10 – 11.*

|  |  |  |
| --- | --- | --- |
| Day of the Week | Hours Babysitting | Money Earned |
| Thursday | 3 | $9.75 |
| Friday | 4 | $13.00 |
| Saturday | 6 | $19.50 |

1. How much money did Sarah earn babysitting altogether?
2. How much money does Sarah charge per hour?
3. Eva spends 35 minutes practicing the piano each afternoon after school. What part of an hour does she spend practicing? Write as a fraction in simplest form.
4. Order the following set of numbers on the number line below, 44%, 4, $\frac{4}{5}$, 0.4.

*Students were surveyed to determine how much of their homework was being completed during advisory. Use the table below to answer questions 14 – 15.*

|  |  |
| --- | --- |
| **Student** | **Amount Completed** |
| Lylah | 0.75 |
| Melissa | $$\frac{9}{20}$$ |
| Tyler | 80% |
| Emmitt | $$\frac{3}{5}$$ |

1. Who completed the least amount of homework?
2. Who completed more homework than Emmitt, but less homework than Tyler?

*Use the figure below to answer questions 16 – 17.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

1. What fraction of the figure is shaded?
2. What percent of the figure is un-shaded?
3. It is estimated that 24% of the U.S. population in the year 2050 will be over the age of 65. How is 24% expressed as a fraction? Write in simplest form.
4. Jessie guesses that $\frac{4}{5}$ of his class completed their homework last night. What percent of the class did NOT complete their homework?
5. Mrs. Shin has a piece of lumber that is 11inches wide. She plans to split the width of lumber into 3 equal pieces. How wide will each piece be?