**Topics on test:** *Test Thursday, 1/13*

* Rounding decimals to the nearest whole number, tenths, and hundredth place value
* Simplifying fractions
* Representing fractions and decimals in models
* Finding decimal and fraction equivalents
* Comparing and ordering fractions, decimals, and mixed numbers

**Practice Problems:**

*Round the decimal to the underlined digit*

1. 23.321= \_\_\_\_\_\_\_\_\_
2. 7.984 = \_\_\_\_\_\_\_\_\_\_
3. 0.561 = \_\_\_\_\_\_\_\_\_\_
4. 21.983 = \_\_\_\_\_\_\_\_\_
5. *Name three decimal numbers that when rounded equal 11.6*

*Name the equivalent decimal or fraction*

1. 3/4 = \_\_\_\_\_\_\_\_\_
2. 0.375 = \_\_\_\_\_\_\_\_\_
3. 6/10 = \_\_\_\_\_\_\_\_
4. 0.25 = \_\_\_\_\_\_\_\_\_
5. 14/20 = \_\_\_\_\_\_\_\_\_

*Simplify the fraction to its simplest form by finding the GCF of numerator and denominator and dividing*

1. 8/20 = \_\_\_\_\_\_\_\_\_
2. 15/45 = \_\_\_\_\_\_\_\_\_
3. 3/12 = \_\_\_\_\_\_\_\_\_
4. 75/100 = \_\_\_\_\_\_\_\_\_
5. 14/26 = \_\_\_\_\_\_\_\_\_

Turn Over

*Shade in the model to represent the given fraction*

|  |
| --- |
| 1. 4/10 Image result for 10x10 chart
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| 1. 12/48Image result for 10x10 chart
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*Name the fraction and decimal the models represent*

1.  Decimal:

Fraction: \_\_\_\_\_\_\_\_

1. Decimal: \_\_\_\_\_\_\_\_

Fraction: \_\_\_\_\_\_\_\_

*Order the sets from least to greatest*

1. 1/2, 1/3, 3/4, 1/4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 0.2, 1/4, 0.35, 2/6 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. 3 and 3/8, 3.33, 4 and 1/2, 4.25 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Compare using < > or =

1. 1.567 \_\_\_\_\_\_ 1.376
2. 1 and 1/3 \_\_\_\_\_\_ 1.33
3. 0.32 \_\_\_\_\_\_ 2/3