

Algebra I

4.5 Warm-Up #1

Decimals, Fractions and Percents

NAME: _____

DATE: _____ HOUR: _____

Match the percentages in Problems 1-6 with the decimal number on the right.

- | | |
|--------------|-----------|
| ___ 1. 3.5% | A. 0.02 |
| ___ 2. 35% | B. 0.035 |
| ___ 3. 0.35% | C. 2.0 |
| ___ 4. 2% | D. 0.35 |
| ___ 5. 200% | E. 0.0035 |
| ___ 6. 0.02% | F. 0.0002 |

Match the decimal numbers in Problems 7-12 with the percentages on the right.

- | | |
|------------------|-------------|
| ___ 7. 0.62 | G. 7595.41% |
| ___ 8. 6.2 | H. 75.941% |
| ___ 9. 0.062 | I. 620% |
| ___ 10. 0.75941 | J. 62% |
| ___ 11. 75.9541 | K. 7.5941% |
| ___ 12. 0.075941 | L. 6.2% |

over

Match the underlined digit in the numbers below with the decimal place names.

- | | |
|------------------------------|-----------------------|
| ___ 13. 3.1 <u>4</u> 1 | M. <u>Tenths</u> |
| ___ 14. 82 <u>5</u> ,651.587 | N. <u>Thousandths</u> |
| ___ 15. 2.89 <u>2</u> 616 | O. <u>Hundredths</u> |
| ___ 16. 0. <u>4</u> | P. <u>Thousands</u> |

In 1-5, complete the chart. Put fractions in lowest terms.

| | Fraction | Decimal | Percent |
|----|----------------|---------|---------|
| | $\frac{1}{4}$ | .25 | 25% |
| 1. | | 1.5 | |
| 2. | | .062 | |
| 3. | $5\frac{5}{8}$ | | |
| 4. | | .45 | |
| 5. | | 2.375 | |

Match the underlined digit in the numbers below with the decimal place names.

- ___ 13. 3.141
- ___ 14. 825,651.587
- ___ 15. 2.892616
- ___ 16. 0.4

- M. Tenths
- N. Thousandths
- O. Hundredths
- P. Thousands

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