## Sample Quiz

## Lessons $x x-x x$

1. Identify the pattern by stating the rule. $3,6,9,12,15$
2. Write the base-ten number for

$$
(7 \times 10)+(3 \times 1)+\left(7 \times \frac{1}{10}\right)+\left(2 \times \frac{1}{100}\right)+\left(4 \times \frac{1}{1,000}\right) .
$$

3. If $\angle T U V$ is a right angle, what is the measure of $a$ ?
4. $4,685 \div 5=$ ?
5. In the number $\underline{66}$, the underlined digit is $\qquad$ times as much as the place to its right.
6. $24 \times 62=$ ?
7. Choose the numerical expression that represents dividing 125 by 25 , and then multiplying by 0.5 .
A) $0.5-(125 \div 25)$
B) $(125 \div 25) \times 0.5$
C) $0.5 \div(125 \times 25)$
8. Round 784.215 to the nearest hundredth.
9. $\quad 82+(3 \times 12)=$ ?
10. The chart shows how much aluminum by weight each homeroom has collected so far. Use the data in the chart to complete a line plot for the 8 classes.

| Homeroom | Aluminum |
| :---: | :---: |
| 321 | $\frac{1}{2} \mathrm{lb}$ |
| 208 | $\frac{3}{5} \mathrm{lb}$ |
| 419 | $\frac{3}{5} \mathrm{lb}$ |
| 117 | $\frac{2}{5} \mathrm{lb}$ |
| 205 | $\frac{1}{2} \mathrm{lb}$ |
| 333 | $\frac{3}{5} \mathrm{lb}$ |
| 218 | $\frac{1}{5} \mathrm{lb}$ |
| 114 | $\frac{3}{5} \mathrm{lb}$ |

11. Which polygon is not regular?
12. Which two fractions are equivalent? $\quad \frac{4}{5} \quad \frac{3}{4} \quad \frac{8}{10} \quad \frac{10}{8}$
13. Fill in the sign to make the statement true. 1,566 grams $\bigcirc 2$ kilograms
14. Write the product using an exponent. $10 \times 10 \times 10 \times 10 \times 10=$ ?
15. Which is neither an equilateral nor an isosceles triangle?

