Chapter 10 Quiz

Name _____ Date ____

Write each ratio as a fraction in simplest form.

1. 12 cats to 15 dogs

2. 4 eggs to 22 ounces

3. 16 girls out of 40 students

Write each ratio as a unit rate.

4. 75 miles in 60 minutes

5. $11.97 for 3 rental DVDs

Solve each proportion.

6. $\frac{a}{6} = \frac{5}{10}$

7. $\frac{6}{x} = \frac{9}{1.5}$

8. $\frac{3}{4} = \frac{c}{6}$

9. $\frac{4}{5} = \frac{20}{z}$

10. **GROCERIES** Suppose you buy 3 pounds of bananas for $0.99. How many pounds can you buy for $4.95?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

$\boxed{\text{Show your proportion}}$

11. Katie can type 220 words in 10 minutes. How many words can she type in 1 hour? _____

12. If 4 pizzas have 80 mushrooms, then 14 pizzas will have how many mushrooms? _____

13. A factory produces 5 cars in 20 hours. How many cars can be produced in 275 hours? _____

14. If pencils cost $2.40 for a dozen, then how much would 8 pencils cost? _____