Name _____ Date _____ Class_____

American Math 6ᵗʰ Grade HW 7; Ratios and Rates

The number of animals at the zoo is shown in the table. Write each ratio in three different ways.

1. lions to elephants

_____

2. giraffes to otters

_____

3. all animals to seals

_____

4. seals to all animals

_____

5. elephants to lions

_____

Animals in the Zoo	
Elephants	10
Giraffes	7
Lions	11
Seals	9
Otters	19

Write three equivalent ratios for the given ratio.

6. $\frac{4}{3}$ _____

7. $\frac{12}{14}$ _____

8. The ratio of clown fish to angelfish at a pet store is 5:4. The ratio of angelfish to goldfish is 4:3. There are 60 clown fish at the pet store.

    a. How many angelfish are there? _____

    b. How many goldfish are there? _____

Find the unit rate.

  9. David drove 75 miles in 3 hours. _____

10. Five oranges have about 325 calories. _____

Solve.

11. John proofreads 21 pages in 2 hours for $63.

    a. What is her proofreading rate in pages per hour?

        _____

    b. How much does she receive on average for a page?

    _____

Find the missing terms.

12. $\dfrac{3}{7}, \dfrac{?}{28}, \dfrac{?}{77}$

13. $\dfrac{?}{75}, \dfrac{4}{5}, \dfrac{32}{?}$