

Name \_\_\_\_\_

For these problems solve them by using dimensional analysis.

1. How many seconds are in 800 minutes?
2. How many minutes are in 5 years?
3. How many years are in 500 days?
4. How many dozens of eggs are there in 3500 eggs?
5. How many miles are in 12,000 yards? There are 5280ft in 1 mile and 3ft in 1 yard.
6. How many decades are there in 9 centuries? There are 10 years in a decade and 100 years in a century.
7. What is the cost of 8 onions if 3 onions weigh 1.5 pounds of the price of onions is 20 cents (.20 dollars) per pound?
8. How many oranges are in a crate if the price of a crate is \$1.60 and the price of oranges is 30 cents(.30 dollars) per pound? On the average there are three oranges per pound.