

Homework Practice

Ratio Tables

For Exercises 1-3, use the ratio tables given to solve each problem.

1. **CAMPING** To disinfect 1 quart of stream water to make it drinkable, you need to add 2 tablets of iodine. How many tablets do you need to disinfect 4 quarts?

Number of Tablets	2		
Number of Quarts	1		4

2. **BOOKS** A book store bought 160 copies of a book from the publisher for \$4,000. If the store gives away 2 books, how much money will it lose?

Cost in Dollars	4,000		
Number of Copies	160		2

3. **BIRDS** An ostrich can run at a rate of 50 miles in 60 minutes. At this rate, how long would it take an ostrich to run 15 miles?

Distance Run (mi)	50		15
Time (min)	60		

4. **SALARY** Luz earns \$400 for 40 hours of work. Use a ratio table to determine how much she earns for 6 hours of work.

Earnings in \$	\$400		
time (hours)	40		6

* Always check to see if you can make a direct relationship between the given ratio and where you are wanting to go

* If you cannot make a direct relationship, then:

1. Simplify the 1st ratio
2. multiply

Remember

divide down → multiply up