

One US dollar is worth 3.75 Saudi Rials.

1. If you exchange 100 dollars you get \_\_\_\_\_ rials.
2. If you exchange 150 dollars you get \_\_\_\_\_ rials.
3. If you exchange 37 dollars you get \_\_\_\_\_ rials
4. If you exchange X dollars you get \_\_\_\_\_ rials
5. Write the above as a linear equation where X is the amount of dollars you exchange and Y is the number of rials you get.

A health spa costs \$25 a month and \$5 a visit.

1. If you visit 4 times your monthly cost is \_\_\_\_\_.
2. If you visit 7 times your monthly cost is \_\_\_\_\_.
3. If you visit 28 times your monthly cost is \_\_\_\_\_.
4. If you visit X times your monthly cost is \_\_\_\_\_.
5. Write the above as a linear equation where X is the number of times you visit and Y is the monthly cost.

A copy machine cost \$120 to rent and 3 cents a copy.

1. If you make 100 copies your total cost is \_\_\_\_\_.
2. If you make 1000 copies your total cost is \_\_\_\_\_.
3. If you make 1500 copies your total cost is \_\_\_\_\_.
4. If you make X copies your total cost is \_\_\_\_\_.
5. Write the above as a linear equation where X is the number of copies you make and Y is the total cost.

Suppose you rent a copier (not the one above, this is a separate problem). You make 2000 copies at a total cost (price per copy plus the rental) of \$130. Someone else makes 1000 copies at a total cost of \$90. How much are you charged per copy, and what is the rental price?