

## Lesson 25: Quiz 1 - Choosing Multiplication to Solve Word Problems

**Directions:** Multiply using decimals to solve these word problems.

Remember-

1. Multiply first.
2. Look at the two numbers in which you are multiplying and check for decimal places in each number.
3. Starting at the decimal, count the places to the right of the decimal in each number you are multiplying in the problem.
4. Start at the end of the product (answer) and move the decimal to the left the number of spaces counted in step number 3 above.

1) Your local department store has a sale on socks. They cost \$2.75 a pair. You want to buy 3 pair for each member of your family. There are 5 other members in your family besides you. How much will you spend to buy socks for everyone plus yourself? \_\_\_\_\_

2) Julio needs to buy 25 bags of cement to fix the walk in front of his building. Each bag costs \$4.95. How much money does he need for the supplies? \_\_\_\_\_

3) Felicia, Pedro, and Robert are moving inventory to a new warehouse site. Felicia moves 15 boxes, Pedro moves 21 boxes, and Robert moves 13 boxes. Each box holds 30 reams of paper. How many reams of paper did they move altogether?  
\_\_\_\_\_

4) Jacob sells a dozen roses for \$25 and a single rose for \$3 each. Is it less expensive to buy 9 single roses than a full dozen?

Select one:

- a) True
- b) False



5) Based upon the question above, how much would it cost you to buy the 9 single roses from Jacob? \_\_\_\_\_

6) Sara and her friends are heading to the beach for the day. Sara is driving with three friends and Jake is driving the rest of the people. It costs \$5 per hour to park and they stay for 5 1/2 hours. How much will it cost Sara to park her car?



**These are some facts you need to solve these problems:**

**7 days a week**

**52 weeks a year**

**30 days in September**

**12 months a year**

7) Shania's new cell phone charges \$29.99 a month for 300 minutes. If she does not go over, how much will the phone cost her in a year before taxes and other charges? \_\_\_\_\_

8) If Shania uses 9 minutes a day, will she go over in her allotted minutes for the month of September?

Select one:

- a) Yes
- b) No

9) Tom quit smoking. He was spending \$30 a week on cigarettes. How much will he save in a year? \_\_\_\_\_