LESSON 11: Multiply Decimals

Directions: Complete the following SOLVE problem with your teacher.

Evie is helping make costumes for the school play. The drama club is presenting a spring production in April. Mrs. Carson, the drama club advisor, asked Evie to buy 3.75 yards of ribbon for trimming some of the costumes. If the ribbon costs $4.00 per yard, what is the total cost of the ribbon?

S Underline the question.
This problem is asking me to find _____

_____.

O Identify the facts.
Eliminate the unnecessary facts.
List the necessary facts.

L Choose an operation or operations.
Write in words what your plan of action will be.

V Estimate your answer.
Carry out your plan.

E Does your answer make sense? (Compare your answer to the question.)

Is your answer reasonable? (Compare your answer to the estimate.)

Is your answer accurate? (Check your work.)

Write your answer in a complete sentence.

Check

7. The town of Sterling recycled 385,395 aluminum cans in January of 2010. It recycled 562,543 cans in March of 2010. How many more cans were recycled in March than in January?

Check

8. Mr. McAuley's car been driven 249,107 miles - more than the distance between the Earth and Moon. If the distance between the Earth and Moon is 238,857 miles, how many more miles has the car been driven?

Check

9. In 2010, the city of Kansas City, Missouri had a population of 459,787. In 1990, its population was 435,187. How much larger was Kansas City's population in 2010, than in 1990?

Name : _____ Score : _____

Teacher : _____ Date : _____

Order of Operations

1) $(8 + 5)^2 + (8 \div 2)$

2) $4 \times (8 - 2) - 8^2$

3) $(3 \times 4 + 6^2) - 5$

4) $(34 - 4) \div 6 - 7^2$

5) $3 \times (8 - 2) - 5^2$

6) $(53 - 5^2) \div (9 - 5)$

7) $(10 + 5)^2 + (12 \div 3)$

8) $(44 - 4^2) \div (4 + 3)$

9) $(39 - 3) \div 2 + 3^2$

10) $(13 \times 4 - 6^2) + 3$

Name : _____ Score : _____

Teacher : _____ Date : _____

Order of Operations

1) $(4 + 2)^2 + (10 \div 5)$

2) $(53 - 5) \div 3 + 3^2$

3) $(7 \times 4 - 4^2) + 8$

4) $(32 - 2^2) \div (-1 + 3)$

5) $7 \times (9 + 6) - 7^2$

6) $(55 - 5) \div 2 - 3^2$

7) $(2 + 4)^2 + (16 \div 8)$

8) $(49 - 5^2) \div (-1 + 7)$

9) $4 \times (14 - 5) + 7^2$

10) $(3 \times 2 + 6^2) - 6$