

LESSON 19: Real World Problems with Systems of Equations

Homework

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Name _____ **Date** _____

Directions: Complete the following SOLVE problem.

You bought 4 bananas and 5 apples at the store for \$2.50. The next day you bought 10 bananas and 3 apples at the store for \$3.40. The bananas and apples had the same price both days. How much does each cost?

S Underline the question.

This problem is asking me to find _____
_____.

O Identify the facts.

Eliminate the unnecessary facts.

List the necessary facts.

Stop!

- What are we trying to find?
- What does this mean?
- When finding a specific value with systems of equations, is it more efficient to use the graphing method or algebraic substitution method?
- Explain your thinking.
- What does the intersection point tell us?

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.....**Name** _____ **Date** _____**L** Write in words what your plan of action will be.

Choose an operation or operations.

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.