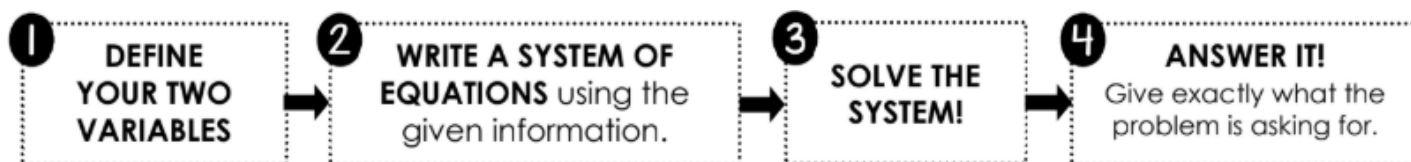Student Facing

Unit 3 Lesson 6: Word Problems

Lesson Objective:

By the end of class, I will be able to

Key Steps:

Examples:

1. The sum of two numbers is 30 and their difference is 12. Find the two numbers.	**2.** The cost of 3 boxes of envelopes and 4 boxes of notebook paper is $13.25. Two boxes of envelopes and 6 boxes of notebook paper cost $17. Find the cost of each.
3. A garden supply store sells two types of lawn mowers. The smaller mower costs $249.99 and the larger mower cost $329.99. If 30 total mowers were sold and the total sales for a given year was $8379.70, find how many of each type were sold.	**4.** Mary has a collection of nickels and quarters for a total value of $4.90. If she has 42 coins total, how many of each kind are there?

Practice

5. The sum of two numbers is 20. The difference between three times the first number and twice the second is 40. Find the two numbers.	**6.** The sum of two numbers is 25. One number is twice the second number plus seven. What are the two numbers?
7. The sum of two numbers is 36. Twice the first number minus the second is 6. Find the numbers.	**8.** One night a theater sold 548 movie tickets. An adult's ticket cost $6.50 and a child's ticket cost $3.50. In all, $2881 was taken in. How many of each kind of ticket were sold?
9. Gabby and Sydney bought some pens and pencils. Gabby bought 4 pens and 5 pencils for $6.71. Sydney bought 5 pens and 3 pencils for $7.12. Find the cost of each.	**10.** At a sale on winter clothing, Cody bought two pairs of gloves and four hats for $43.00. Tori bought two pairs of gloves and two hats for $30.00. Find the cost of each.

Teacher Facing

Name: _____   Circle Period: 1 2 3 4   Circle Day: A B

Unit ____ Lesson ____ : _____

[implementation notes] Lesson Objective:

By the end of class, I will be able to

[implementation notes] Keywords:

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│                                                                 │
│                                                                 │
└─────────────────────────────────────────────────────────────────┘
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[implementation notes] Examples:

    1.

[discourse strategy] Practice Problems:

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┌─────────────────────────────────────────────────────────────────┐
│ ALWAYS REMEMBER TO FOLLOW THESE 5 STEPS FOR SUCCESS:            │
│ Step 1: Identify what is being asked                            │
│ Step 2: Write what you know                                     │
│ Step 3: Plan your approach                                      │
│ Step 4: Solve and show your work                                │
│ Step 5: Check your answer                                       │
└─────────────────────────────────────────────────────────────────┘
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    1.

Most Productive Struggle
      Anticipated Misconceptions
      Teacher Moves

[implementation notes] Reflection:

1. What part was easiest for you?

2. What part was most challenging?

3. Do you feel you met today's learning objective? explain why or why not?

[end of period notes]