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Problems Based on Hidden Information

Sometimes, the information you need is not a numeral. But it is something you already know. It could be number word. It could be a unit of time. Change the word to a number you can use.

Try this problem. Think about words you need to change into numbers.

7 The fireworks last half an hour. What time do the fireworks end?

A What do you want to find out?

_____

B What do you know?

_____

C What operation do you need?

_____

D What information do you need to find the answer?

_____

E Change the hidden information into a number you can use. Then solve the problem.

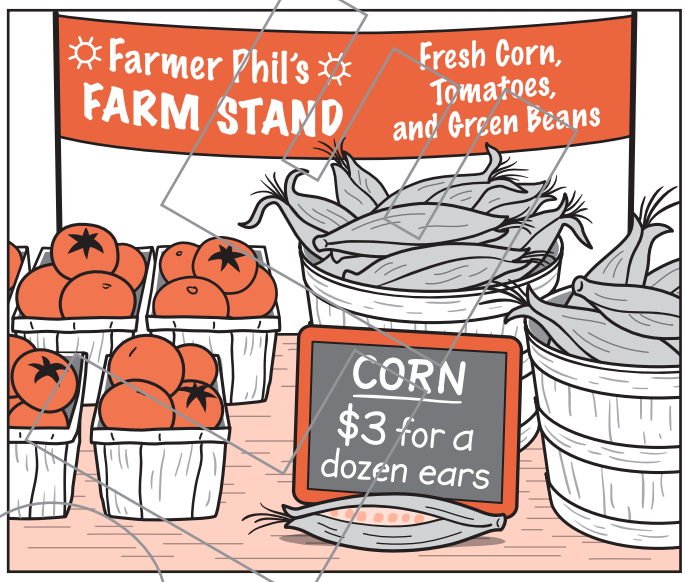
Here's another problem to try on your own.

8 Mrs. Diaz has 36 ride tickets. She gives Mateo four tickets for a ride. How many tickets does she have left?

13 Farm Stand

Farmer Phil has a farm stand. He picks vegetables early in the morning at his farm. Then he sells them at the farm stand.

This morning he picked corn, tomatoes, and green beans. He put out 482 ears of corn at the farm stand. He also put out 265 tomatoes in boxes at the stand.



Solve each problem. If there is not enough information to solve it, tell what is missing.

1 How many more ears of corn than tomatoes did Farmer Phil put out at the farm stand?

Are you finding a sum or a difference?

2 The first customer bought 108 ears of corn for a party. How many ears of corn were left?

3 The second customer bought 48 ears of corn. How many ears of corn were left then?

How many were left after the first customer?

4 Mr. O'Hara bought 24 ears of corn. How much did they cost in all? Explain how you found your answer.

How many ears do you get for the price?

5 By 10 o'clock, most of the tomatoes on the counter were sold. Farmer Phil put out another 228 tomatoes. How many tomatoes were on the counter now?

6 Farmer Phil put out 149 pounds of green beans when he opened in the morning. At 10 o'clock, he put out another 135 pounds of green beans. He sold all the green beans he put out. How many pounds of green beans did Farmer Phil sell?

Farmer Phil did not put out any more after 10 o'clock.

7 Amal, Bret, and Cleo visited Farmer Phil's stand. Each person bought a different vegetable.

- Amal did not buy corn.
- Bret did not buy tomatoes.
- Cleo did not buy green beans or corn.

Who bought each vegetable?

Use the clues to fill in the chart. Then explain how you found your answer.

Write yes and no in the chart as you figure out the clues.

	Corn	Tomatoes	Green Beans
Amal			
Bret			
Cleo			