Algebra Concepts - Unit 2, Lesson 4

Practice with the part-whole model

After the first three lessons of this unit you have the tools to solve the following kinds of problems:

- Models involving addition and subtraction
- Models involving multiplication and division
- Models involving two-step linear functions

You also can find different pieces of the model that are missing such as:

- The whole
- The number of parts
- The value of each part

If you become proficient with building the models you will in turn become proficient at solving many different types of real world problems.

So let's practice! **Build a model** for each situation and find a solution to the problem.

Remember, here is what a typical model looks like.				
Part	Part	Part		

Christmas. So f	ge shopping fan. She plans to shop 25 times far Jenny has shopped 2 times last week and 3 al days does Jenny need to shop to reach her g	3 times this week. How		
		I		
?	?			
2. David has set a goal to save \$200 for his Algebra teacher's Christmas presents. So far, he has saved \$\$25. How much does David have left to save?				
	<u>-</u>	I		
?	?			

3. Sarah just bought a new aquarium. It has a maximum capacity of 29 fish. She plans to stock it with new fish slowly over the course of a month. This week she will buy 5 fish. Next week she will buy 4 fish and the week after that she will buy 6. How many fish will she buy the last week?

Build your own model

