MAKE AN ORGANIZED LIST Name

11 Meredith got on the bus and dropped her coins into the money meter. Her bus fare was 15 cents. How many different groups of coins could Meredith have used to pay for her bus fare?

FIND OUT
- What is the question you have to answer?
- What did Meredith do? How much was her bus fare?
- What kinds of coins could she have used?
- How much money would be in each group of coins?
- Would one dime and five pennies be a different group than one dime and one nickel?

CHOOSE A STRATEGY
- Circle to show what you choose.

SOLVE IT
- How many columns are there in the list started on your paper? What is at the top of the first column? What is at the top of the second column? What is at the top of the third column?
- Look at group 1. What is the greatest number of dimes Meredith could use? How many nickels could she use with the dime? What is the sum of one dime and one nickel? Would she need to use any pennies with the dime and nickel? Notice the zero in the pennies column.
- Look at group 2. Could Meredith use a dime again but have a different group of coins?
- Look at group 3. Could Meredith use a dime again and have a different group of coins? What is the greatest number of nickels she could use? How many pennies would she use with the nickels?
- Finish the list on a separate recording sheet. How many different groups of coins could Meredith have used to pay her bus fare?

	Dimes 10¢	Nickels 5¢	Pennies 1¢
Group 1	1	1	0
Group 2	1	0	5
Group 3			

LOOK BACK
- Look back to see if your answer fits with what the problem tells you and asks you to find. Read the problem again. Look back over your work. Does your answer fit?

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MAKE AN ORGANIZED LIST Name

12 Julio is mailing a small package to Tony, who lives in another city. Julio has to put 18¢ worth of stamps on the package. Julio has 10¢ stamps, 4¢ stamps, and 2¢ stamps that he can use. How many different groups of stamps could Julio use on his package?

FIND OUT
- What is the question you have to answer?
- What is Julio doing? How much must the stamps be worth that Julio puts on his package?
- What kinds of stamps can Julio use?
- How much money must each group of stamps be worth?
- Would one 10¢ stamp and two 4¢ stamps be a different group than one 10¢ stamp and four 2¢ stamps?

CHOOSE A STRATEGY
- Circle to show what you choose.

SOLVE IT
- How many columns are there in the list started on your paper? What is at the top of the first column? What is at the top of the second column? What is at the top of the third column?
- Look at group 1. What is the greatest number of 10¢ stamps Julio can use? How many 4¢ stamps can he use with the 10¢ stamp? What is the sum of one 10¢ stamp and two 4¢ stamps? Would he need to use any 2¢ stamps with them?
- Look at group 2. Can Julio use a 10¢ stamp again but have a different group of stamps?
- Look at group 3. Can Julio use a 10¢ stamp again and have a different group of stamps?
- Finish filling in your list. How many different groups of stamps could Julio use on his package?

	10¢ Stamps	4¢ Stamps	2¢ Stamps
Group 1	1	2	0
Group 2	1	1	2
Group 3	1		

LOOK BACK
- Look back to see if your answer fits with what the problem tells you and asks you to find. Read the problem again. Look back over your work. Does your answer fit?

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