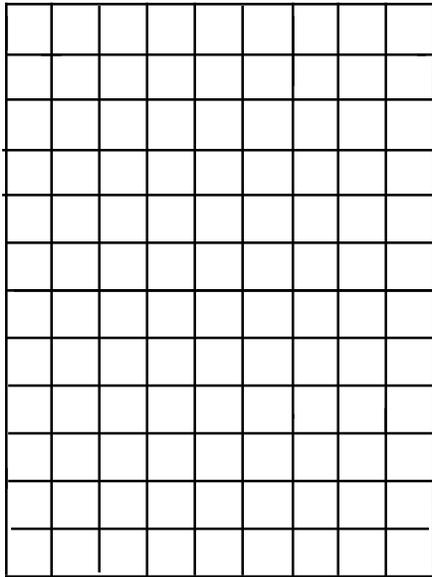
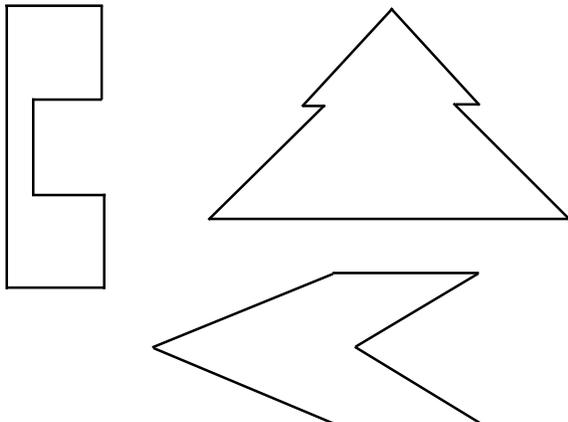


★★ 1. Mrs. Williams took a survey of favorite vacation spots in her class. The beach was chosen by eleven students, the mountains by four students and eight students chose the desert. How could Mrs. Williams organize this information in a graph?



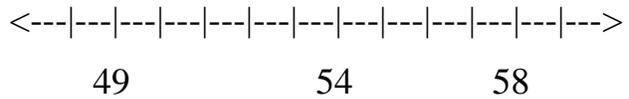
★ 2. Draw the line of symmetry for each of these shapes.



★★ 3. Complete this pattern:

- 1 ---> 2
- 2 ---> 4
- 3 ---> 6
- 4 ---> _____
- 5 ---> _____

★ 4. Here is part of a number line:



Which of the following numbers cannot fit on it?

- a. 60
- b. 40
- c. 51
- d. 59

Strategy of the Month

*Your brain is an organizer. It organizes information as it stores that information. When a problem involves many pieces of information, your brain will have an easier time sorting through it if you make an organized list. A list helps you be sure you have thought of all of the possibilities without repeating any of them. Like drawing a picture or making a diagram, making an organized list helps your brain "see" the problem clearly and find a solution. Try **making an organized list** to solve this problem:*

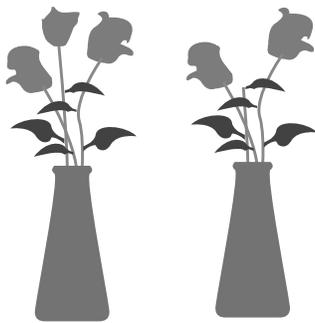
You have three pennies, two nickels and a dime. How many different amounts of money can you make?

MathStars Home Hints

Sometimes the hardest part of solving a problem is just getting started. Having some steps to follow may help you.

- 1. Understand the information in the problem and what you are trying to find out.*
- 2. Try a strategy you think might help you solve the problem.*
- 3. Find the solution using that strategy or try another way until you solve the problem.*
- 4. Check back to make certain your answer makes sense.*

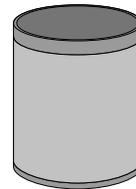
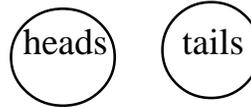
★★★ 5. Jill counted the number of petals on five flowers that are all alike. When she finished she had counted 20 petals. How many petals are on each flower?



★★★ 6. Put in + or - to make this statement true.

$$8 \square 4 \square 6 \square 7 = 11$$

★★ 7. Mr. Cutter put six pennies in a jar. He shook them up and poured them on his desk. He got two heads and four tails. If he does this experiment lots of times, what are the other combinations that he can get?



★★★ 8. Which is worth more: seven inches of dimes or nine inches of nickels?

Setting Personal Goals

Being able to ask good questions will help you in many ways. Use these to solve problems:

- What information do I know?*
- What else do I need to find out?*
- What question am I trying to answer?*
- Have I missed anything?*
- Does my answer make sense?*

Set the goal of asking good questions!