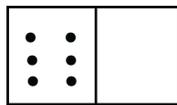
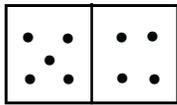


★ 1. How many dots are needed to make the dominoes equal?



★ 5. Continue the pattern:

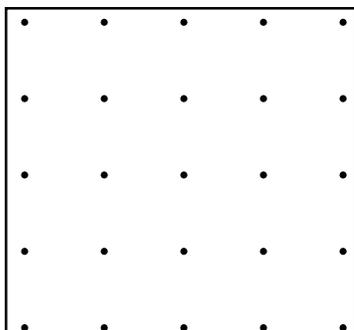
A, M, A, A, M, A, A, A, M, _____,
 _____, _____, _____

★★ 2. Follow the path to find the answer:

$$(6) + (5) - (4) + (2) = ()$$

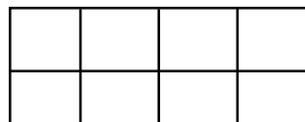
★★★ 3. You have a quarter and loan ten cents to a friend. What are the different ways you can show the money you have left?

★★★★ 4. Connect the points to make a shape that has four sides and four corners.



Strategy of the Month

*Noticing patterns helps people solve problems at home, at work, and especially in math class! Math has been called "the study of patterns," so it makes sense to look for a pattern when you are trying to solve a problem. Recognizing patterns helps you to see how things are organized and to make predictions. If you think you see a pattern, try several examples to see if using the pattern will fit the problem situation. Looking for patterns is helpful to use along with other strategies such as make a list or guess and check. How can **finding a pattern** help you solve this problem?*



How many different rectangles can you find in the figure on the left?

MathStars Home Hints

Set aside a special time each day to study. This should be a time to do homework, to review, or to do extra reading. Be organized and have a special place in which to work. This place needs to have a good light and to be a place where you can concentrate. Some people like to study with quiet music; others like to sit at the kitchen table. You need to find what works for you!

Remember that when you are reviewing or working on solving problems it may help to study in a group.

★★ 6. On a trip to the beach you see a group of starfish. There are six in the group. How many arms do you count?

starfish	1	2	3	4	5	6
arms	5		15			

★★ 7. Jane gets home from school at 3:00. She begins her homework at 5:00. How much time does she have to play before she begins her homework?

★★★ 8. Use your calculator to find:

a. How many two's are in 18 ? _____

b. How many fives's make 30? _____

c. How many four's make a dozen? _____

Setting Personal Goals

If your goal is to become a more responsible student, it means that you

- *actively participate in class.*
- *complete your assignments.*
- *have everything you need in class.*
- *ask for help when you do not understand.*
- *be willing to investigate new ideas.*