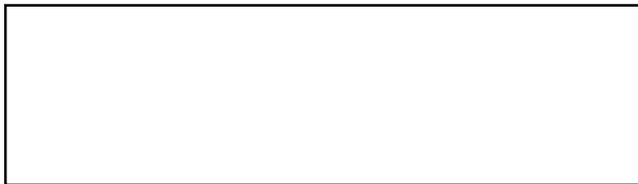


★★★ 1. Circle the expressions that equal 24: (You may use a calculator to help you.)

$20 + 4$ $41 - 10$ $24 - 0$ $12 + 12$

$6 + 12$ $18 + 6$ $16 + 9$ $14 + 11$

★★ 2. Cut a strip of cardboard the same length as this unit: $\text{┆} \text{---} \text{---} \text{---} \text{┆}$. If it equals two, about how long and how tall is this rectangle?



across _____ units

up and down _____ units.

★★★ 3. What is the rule?

$6 \text{-----} > 11$

$12 \text{-----} > 17$

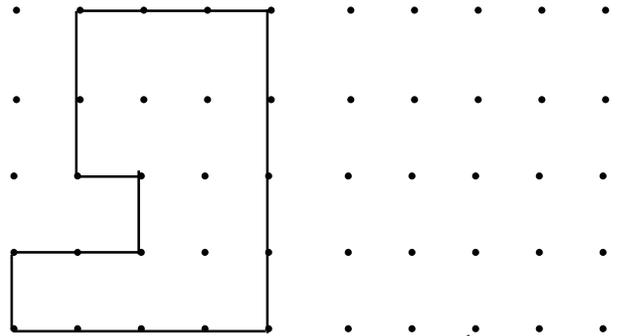
$20 \text{-----} > 25$

$50 \text{-----} > 55$

Rule: _____

★★★ 4. Chris had a roll of stamps worth six cents each. If there are ten stamps on his roll, how much is his roll of stamps worth?

★ 5. Draw a figure just like this one:



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

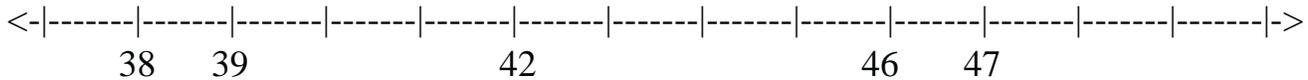
Sometimes the hardest part of solving a problem is just getting started. Having some steps to follow may help you.

- 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.*

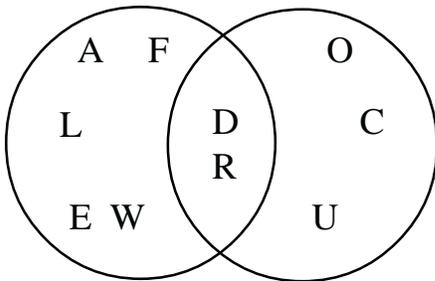
★★★★ 8. If Frank has 12 cows in his pasture, draw a picture showing how many legs are on the 12 cows? Circle the answer that best matches your picture.

- A. more than 60
- B. less than 25
- C. close to 100
- D. between 40 and 50

★ 6. Some numbers are missing. Write them on the number line in the correct places.



★★★ 7. Where do these letters belong in the diagram below? Q, T, K, P, S



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!