



## ENTERTAINING PROBLEM SOLVING #121

1. In this sentence one letter of the alphabet has been left out every time it appears. Can you replace the letter and read the sentence?

**EEREALKINGDONAIDEPATHAY  
HENESAAMANITHAHEELBARRO**

2. Using all the letters of the alphabet, only once, complete the following words. The \* represents a missing letter.

\*e\*\*a      \*ui\*ar      \*\*ick      \*a\*      bo\*      \*we  
\*on\*ey      \*et      \*\*\*kage      \*\*ll  
sha\*\*      sa\*e      \*unne\*      \*a\*uary

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

3. Using only 6 nines and any math symbols, write a number that equals 100.

**9 9 9 9 9 9**

4. Which one of the following words when unscrambled is least like the others?

**SADALL    HUOTSNO    STINUA    KWRNYEO**



5. Place a familiar mathematical symbol between 4 and 5 to express a number that is greater than 4 but less than 5.

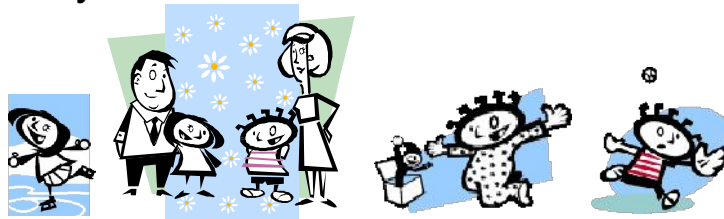
**4 5**

## ENTERTAINING PROBLEM SOLVING #136

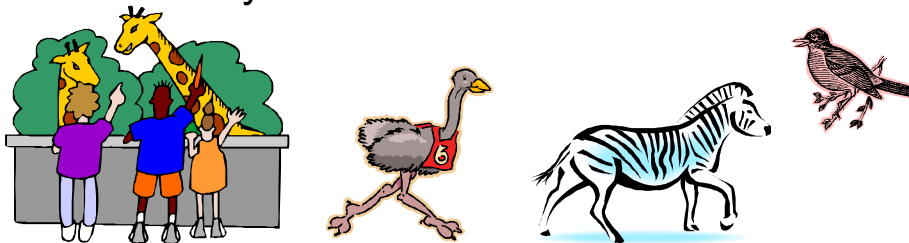
1. Write the number 24 using any digit three times and any other mathematical symbol. One is done for you. There are at least 2 other ways.

$$8 + 8 + 8 = 24$$

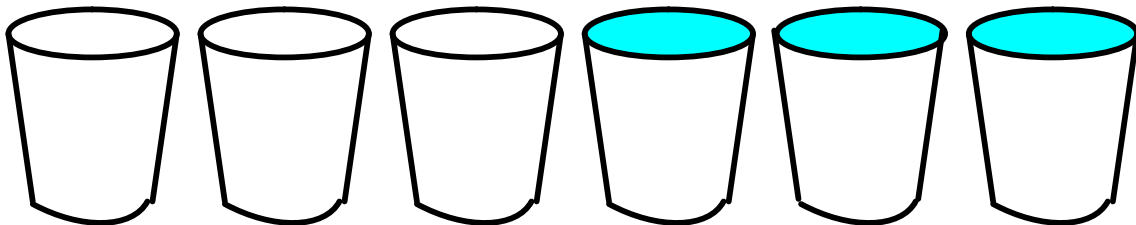
2. Mr. and Mrs. Smith had seven daughters and each daughter had one brother. How many people were there in the Smith family?



3. A zoo has birds and beasts. Together there are 25 heads and 64 feet. How many birds and beasts are in the zoo?



4. Move only one glass so the empty glasses alternate with the full glasses.



5. Finish the analogy.

**SKULL** is to **BRAIN** as **SHELL** is to      **K** .