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**Oct. 30, 2013**

**Web Programming Fundamentals**

**Activity: Problem Solving**

**A Cat, a Parrot, and a Bag of Seed:**

First take the parrot to the other side and row back.

Then take the cat to the other side, and take the parrot in the boat with you when you return.

You get the parrot ashore. Then you put the seeds in the boat and take it to the other side, where you leave it with the cat and then row back.

Finally you take the parrot into the boat and take it across.

**Socks in the Dark:**

Just turn on the lights? or

Ten. There are only three colors; so 10 socks guarantee that two will be the same color and get at least two pair.

**Predicting Fingers:**

Divide the number of counts by 8, and the remainder is the finger you stop on. If there is no remainder then you start at the beginning which is the thumb

a) What if the girl counts from 1 to 10?

First finger

b) What if the girl counts from 1 to 100?

Pinky Finger

c) What if the girl counts from 1 to 1000?

Thumb