

34 Queen Esmeralda's coins

There were 7, 3, 4 and 6 coins in each pile.

The problem can be solved by trial and error.

35 Duck ponds

1. (2) (2) (5) (5)

2. (2) (4) (8)

3. (5) (4) (3) (2)

You could try similar problems with other numbers. For example, using 15 ducks and 5 ponds make each hold 1 more than the one before (1, 2, 3, 4, 5)

4 ponds make each hold twice as many as the one before (1, 2, 4, 8)

3 ponds make each hold 4 more than the one before (1, 5, 9)

3 ponds make each hold 2 less than the one before (7, 5, 3)