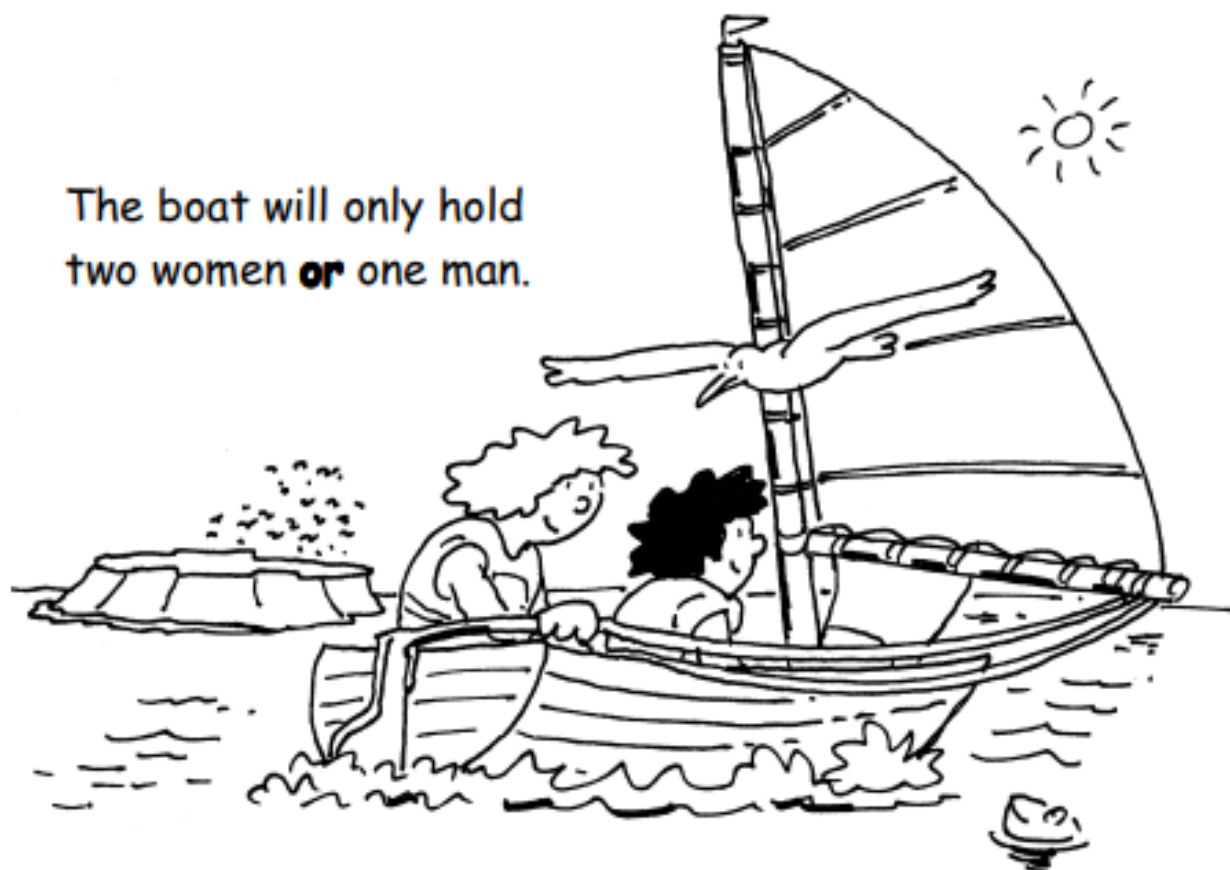


Sail away

Two men and two women want to sail to an island.

The boat will only hold
two women **or** one man.



How can all four of them get to the island?

Rows of coins

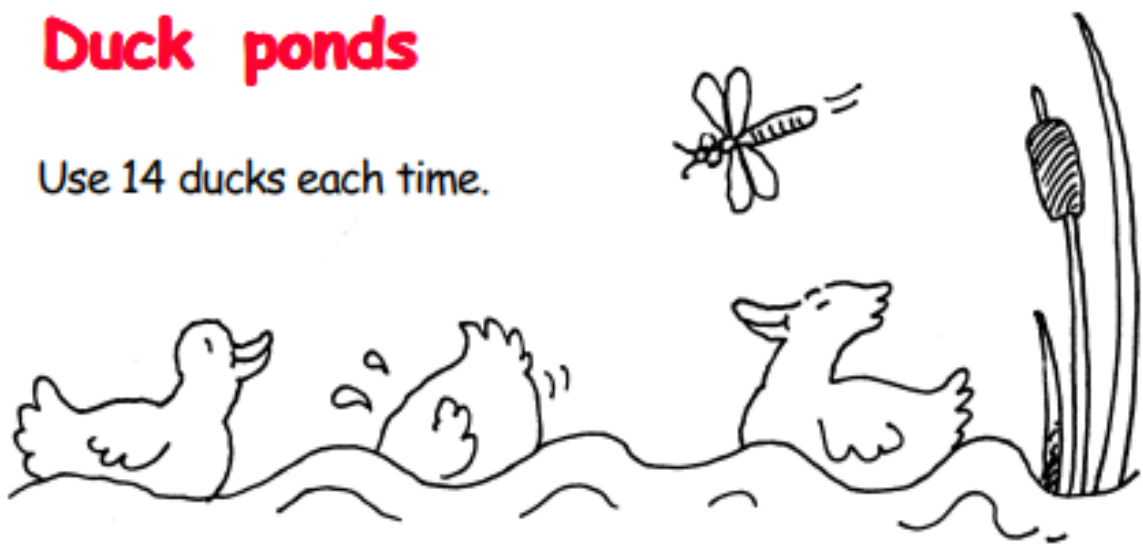


1. Take five coins: 1p, 2p, 5p, 10p, 20p.
Put them in a row using these clues.
The total of the first three coins is 27p.
The total of the last three coins is 31p.
The last coin is double the value of the first coin.
2. Take six coins: two 1p, two 2p and two 5p.
Put them in a row using these clues.
Between the two 1p coins there is one coin.
Between the two 2p coins there are two coins.
Between the two 5p coins there are three coins.

What if you take two 10p coins as well, and
between them are four coins?

Duck ponds

Use 14 ducks each time.



1. Make each pond hold two ducks or five ducks.



2. Make each pond hold twice as many ducks as the one before.

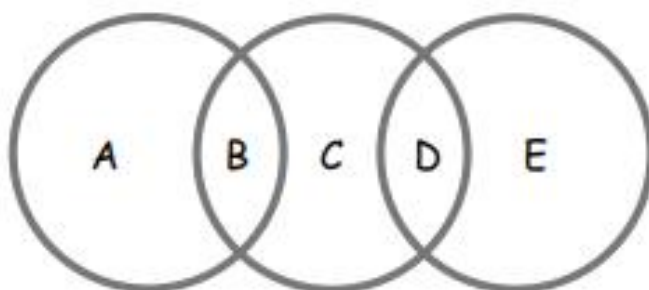


3. Make each pond hold one less duck than the one before.

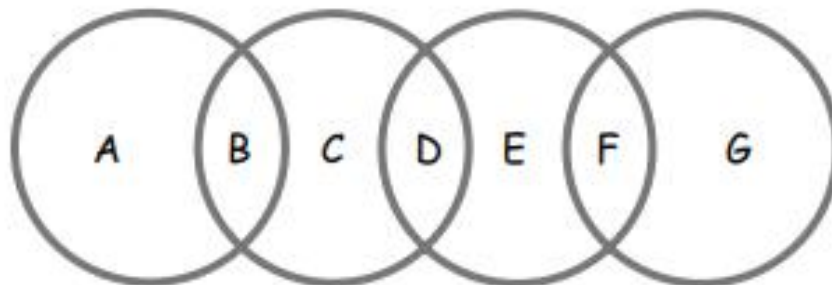


Circle sums

1. Use each of the digits 1 to 5 once.
Replace each letter by one of the digits.
Make the total in each circle the same.



2. Now use each of the digits 1 to 7 once.
Make the total in each circle the same.



3. What if you used five circles and the digits 1 to 9?