

Ambiguous Puzzle by Henry Dudeney,

If you add the square of Tom's age to Mary's age, the sum is 62;
but if you add the square of Mary's age to Tom's age, the result is 176.

What are the ages of Tom and Mary?

Apart from solving the puzzle, can you tell what
the missing information is, and how you can get around it?



Lewis Carroll's Cats and Rats

If 6 cats kill 6 rats in 6
minutes,
how many will be needed to
kill 100 rats in 50
minutes?

PILLOW PROBLEMS BY LEWIS CARROLL

A bag contains one counter, known to be either white or black (with equal probability). A white counter is put in, the bag shaken, and a counter drawn out, which proves to be white.

What is now the chance of drawing a white counter?