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Opening extract from

Number Puzzle

Written by

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Look out for the puzzles marked as **Brain Busters** – they're the hardest!

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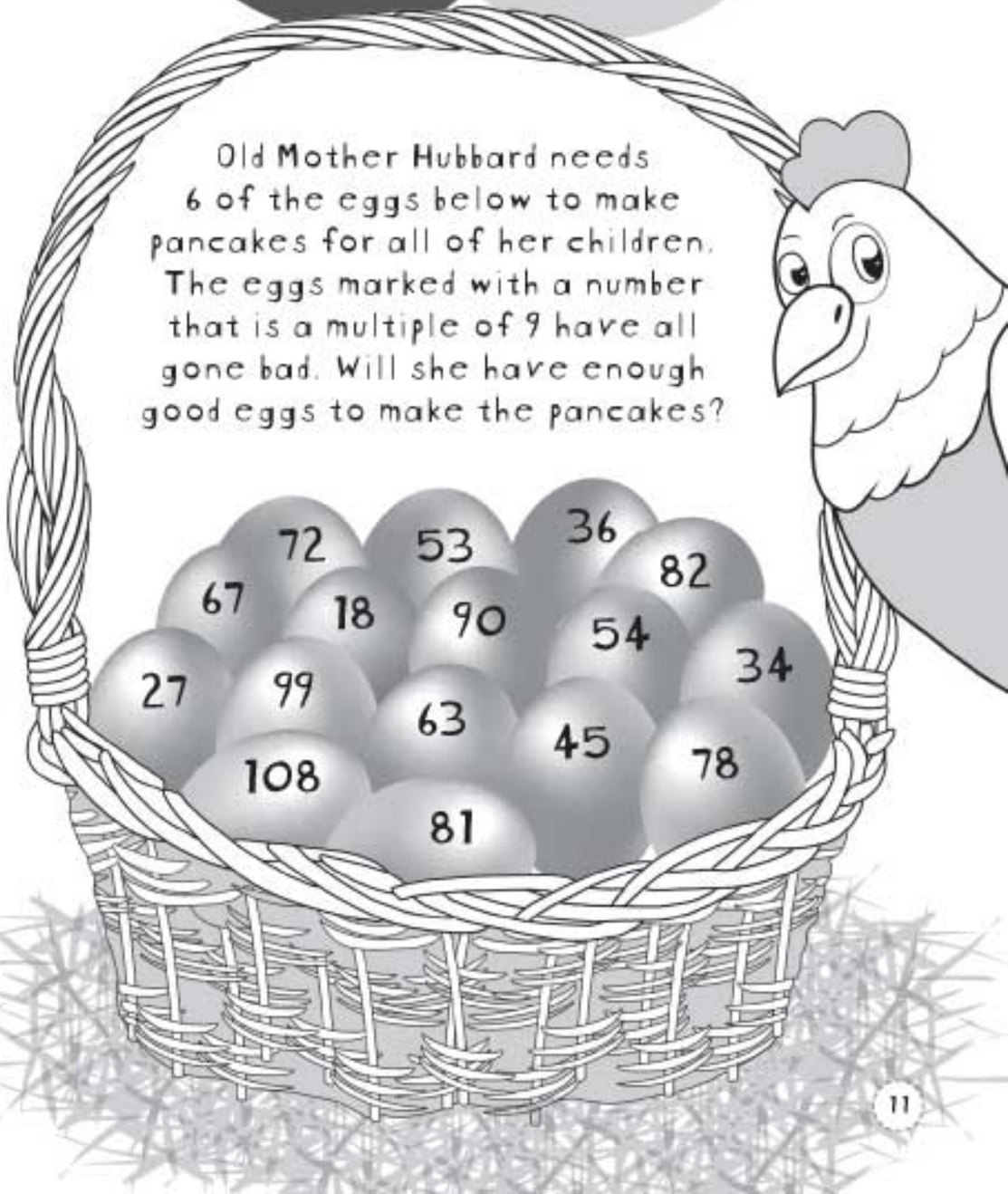
IN THE BALANCE

Which white box should you take away to balance the scales so that the totals match on each side?



GOOD EGGS

Old Mother Hubbard needs 6 of the eggs below to make pancakes for all of her children. The eggs marked with a number that is a multiple of 9 have all gone bad. Will she have enough good eggs to make the pancakes?



ARCHERY CONTEST

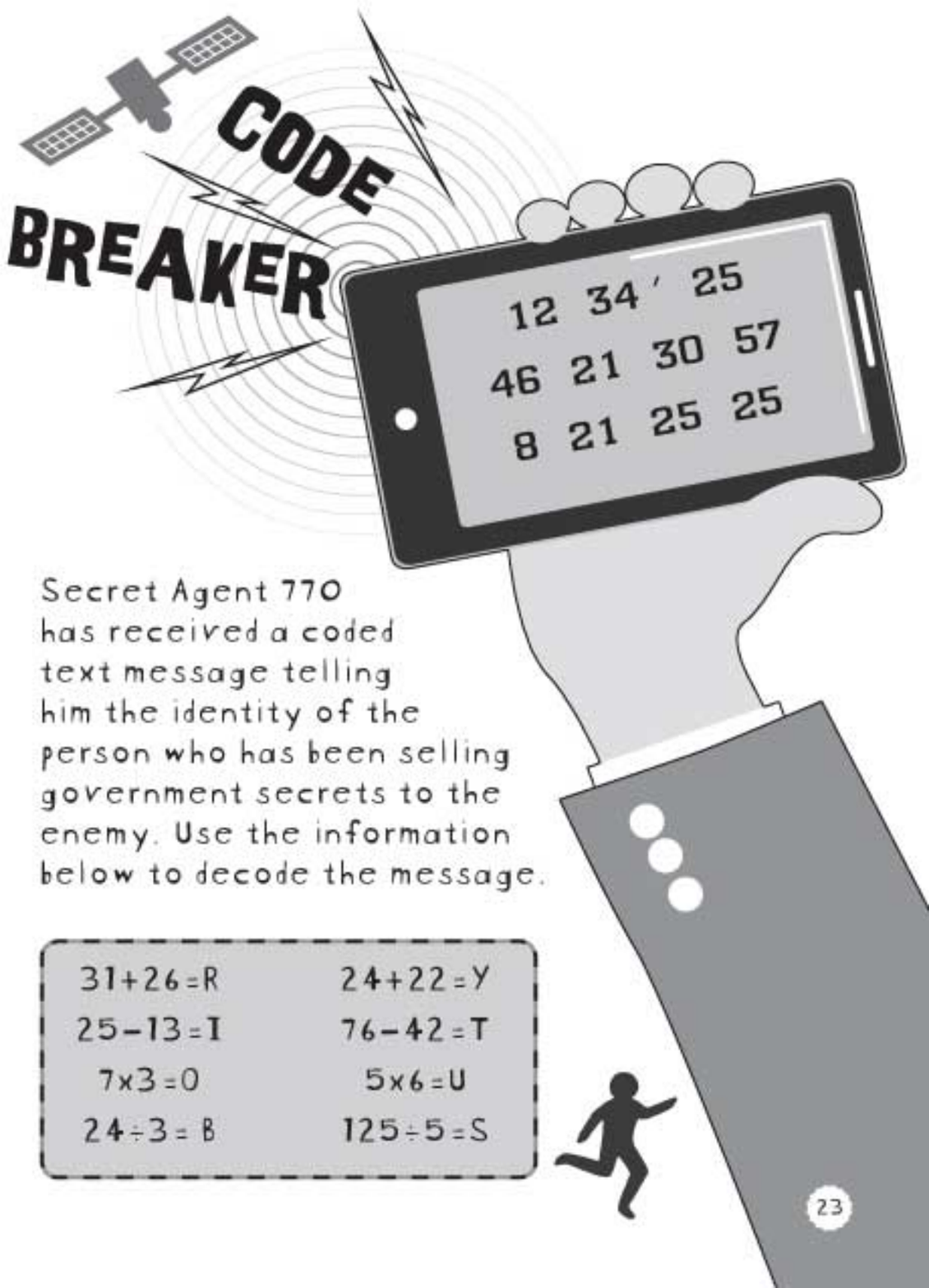
BRAIN BUSTER!

Three people took part in an archery contest, shooting three arrows each at the target below. Each ring on the target represents points.



Each contestant shot three arrows and hit three different rings. Their points were added up and written on the scorecard. Counting the different combinations of points they could have scored, in how many ways could each contestant have reached their final score?

CODE BREAKER



Secret Agent 770 has received a coded text message telling him the identity of the person who has been selling government secrets to the enemy. Use the information below to decode the message.

31+26=R	24+22=Y
25−13=I	76−42=T
7x3=O	5x6=U
24÷3=B	125÷5=S