



Code Busters

I can perform mental calculations with increasingly large numbers.



Draw a line to match each word problem to the corresponding answer in code.

Δ	Ω	μ	π	∞	Π	Σ	\checkmark	\diamond	\neq
0	1	2	3	4	5	6	7	8	9

6837 people attended a tennis match. The previous week, 9528 people attended a tennis match. What is the difference in attendance figures for the two weeks?

A polo team is made up of four players. If 108 children turn up to a polo tournament, how many full teams could you make?

Oranges are priced 63p each. How much would it cost for eight oranges in pence?

Mary's favourite chocolates in the selection box are truffles. For every two truffles in a box, there are four toffees. If the box contains 34 toffees, how many truffles will there be?

Rikard buys a laptop priced £648 and a printer priced £297. How much will it cost altogether?

69 bags of sweets fit onto one tray. How many bags of sweets will there be on 100 trays?

A season ticket for the theme park costs £145. How much would it cost for a family of four?

I have read 1392 pages of my 2283 page book. How many pages must I read until I finish the book?

$\Pi \Delta \infty$

$\Sigma \neq \Delta \Delta$

$\diamond \neq \Omega$

$\Omega \checkmark$

$\Pi \diamond \Delta$

$\mu \checkmark$

$\mu \Sigma \neq \Omega$

$\neq \infty \Pi$



Code Busters Answers

Question	Answer
6837 people attended a tennis match. The previous week, 9528 people attended a tennis match. What is the difference in attendance figures for the two weeks?	$\mu \Sigma \ddagger \Omega$
A polo team is made up of four players. If 108 children turn up to a polo tournament, how many full teams could you make?	$\mu \surd$
Oranges are priced 63p each. How much would it cost for eight oranges in pence?	$\sqcap \Delta \infty$
Mary's favourite chocolates in the selection box are truffles. For every two truffles in a box, there are four toffees. If the box contains 34 toffees, how many truffles will there be?	$\Omega \surd$
Rikard buys a laptop priced £648 and a printer priced £297. How much will it cost altogether?	$\ddagger \infty \sqcap$

69 bags of sweets fit onto one tray. How many bags of sweets will there be on 100 trays?	
	$\Sigma \ddagger \Delta \Delta$
A season ticket for the theme park costs £145. How much would it cost for a family of four?	
	$\sqcap \diamond \Delta$
I have read 1392 pages of my 2283 page book. How many pages must I read until I finish the book?	
	$\diamond \ddagger \Omega$