



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	$\sqrt{\quad}$	\diamond	\neq
0	1	2	3	4	5	6	7	8	9

I am $\frac{2}{3}$ the age of my brother. He is three times younger than my mother. My mother is 54 years old. How old am I?

$\Pi \mu \Delta$

Plants are 37p each. A tray contains 10 plants; a box contains ten trays. If I buy a box of plants, how much would it cost in pence?

$\Omega \Delta \diamond \neq$

For my holiday to France, I need to change some money. For every £1 I exchange, I receive 1.62 Euros. If I change £40, how many more Euros will I need to make 70 Euros?

$\mu \Pi \mu \Delta$

In a half-price sale, I buy a CD player for £15.50, a mobile phone cover for £3.80 and a DVD for £5.90. What would have been the total I would have paid for these items if there had not been a sale?

$\pi \sqrt{\quad} \Delta \Delta$

Francois is having a new carpet fitted. The carpet costs £420 but Francois must add on 15% to the price to have the carpet fitted. How much does it cost to buy the carpet and have it fitted?

$\Omega \mu$

I have read 184 pages of my 2546 page book. How many pages must I read until I reach the middle?

$\infty \diamond \pi$



Code Busters Answers

Question	Answer
I am $\frac{2}{3}$ the age of my brother. He is three times younger than my mother. My mother is 54 years old. How old am I?	$\Omega \mu$
Plants are 37p each. A tray contains 10 plants; a box contains ten trays. If I buy a box of plants, how much would it cost in pence?	$\pi \sqrt{\Delta \Delta}$
For my holiday to France, I need to change some money. For every £1 I exchange, I receive 1.62 Euros. If I change £40, how many more Euros will I need to make 70 Euros?	$\Pi \mu \Delta$
In a half-price sale, I buy a CD player for £15.50, a mobile phone cover for £3.80 and a DVD for £5.90. What would have been the total I would have paid for these items if there had not been a sale?	$\Pi \Delta \infty \Delta$

Francois is having a new carpet fitted. The carpet costs £420 but Francois must add on 15% to the price to have the carpet fitted. How much does it cost to buy the carpet and have it fitted?	
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I have read 184 pages of my 2546 page book. How many pages must I read until I reach the middle	
	$\Omega \Delta \diamond \ddagger$