

Code Breaker: Unknowns on Both Sides

The Maths Habit

CRACK THE CODE

Solve each equation. Look your answer up in the **Code Box** and write the letter it unlocks in the white box. Collect all thirteen letters in the strip, then unscramble them to find the answer.

13 CLUES



1 $5x + 3 = 2x + 21$ R	2 $7x + 2 = 3x + 22$ M	3 $6x + 5 = 4x + 19$ A	4 $9x + 4 = 5x + 40$ L
5 $8x - 3 = 5x + 21$ T	6 $7x - 6 = 4x + 30$ C	7 $10x - 7 = 6x + 33$ E	8 $5x + 9 = 2x + 54$ P
9 $4x + 1 = 2x + 27$ A	10 $3x + 20 = 5x - 8$ I	11 $2x + 35 = 6x - 9$ V	12 $x + 18 = 4x - 30$ A
13 $2x - 5 = 9 - 5x$ N	YOUR LETTERS R M A L T C E P A I V A N UNSCRAMBLE Clue: a Marvel superhero (7, 6) <u>CAPTAIN MARVEL</u>		

CODE BOX

2 = N	3 = B
4 = D	5 = M
6 = R	7 = A
8 = T	9 = L
10 = E	11 = V
12 = C	13 = A
14 = I	15 = P
16 = A	17 = O
18 = S	20 = U
25 = G	30 = Y



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