

Solving Linear Equations (B)



Solve the equations to find x .

Section A

1) $7x + 9 = 23$ _____

2) $5x + 7 = 42$ _____

3) $4x + 3 = 51$ _____

4) $9x + 5 = 41$ _____

5) $4x + 2 = 34$ _____

6) $11x + 3 = 36$ _____

7) $10x + 2 = 72$ _____

8) $7x + 3 = 52$ _____

9) $5x + 5 = 17$ _____

10) $4x + 7 = 9$ _____

11) $8x + 11 = 15$ _____

12) $4x + 17 = 18$ _____

Section B

1) $1 + 6x = 19$ _____

2) $9 + 7x = 30$ _____

3) $3 + 2x = 17$ _____

4) $11 + 5x = 71$ _____

5) $5 + 3x = 32$ _____

6) $4 + 5x = 44$ _____

7) $23 = x + 8$ _____

8) $26 = 3x + 1$ _____

9) $53 = 8x + 5$ _____

10) $13 = 11 + 4x$ _____

11) $7 = 6x + 3$ _____

12) $12 = 7 + 15x$ _____

Section C

1) $4x - 1 = 31$ _____

2) $3x - 4 = 29$ _____

3) $6x - 5 = 31$ _____

4) $8x - 2 = 48$ _____

5) $2x - 7 = 21$ _____

6) $7x - 3 = 18$ _____

7) $9x - 4 = 32$ _____

8) $5x - 1 = 64$ _____

9) $12x - 9 = 39$ _____

10) $2x - 1 = 2$ _____

11) $4x - 8 = 10$ _____

12) $15x - 2 = 3$ _____

Maths Year 7 Solving Equations

Michael Hoelscher



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