

2 Unknowns 2 Equations Level 2 - Find the following unknowns

No.1 $2a + 4c - 32 = 4$
 $6a - 3c - 1 = 2$

No.11 $4c + 32 - 7a = 2$
 $3a + 9c - 38 = 7$

No.2 $9c + 4b - 59 = 5$
 $3c - 2b + 8 = 6$

No.12 $8a - 24 - 2c = 4$
 $6c + 2a - 42 = 4$

No.3 $5d + 2b - 34 = 4$
 $6d - 2b - 26 = 2$

No.13 $7d + 45 - 9b = 3$
 $8b + 5d - 62 = 3d$

No.4 $3b + 6c - 50 = 7$
 $4b - 2c - 23 = 3$

No.14 $4c + 45 - 8a = 5$
 $5a + 4c - 16 = 8c$

No.5 $7d + 9a - 113 = 8$
 $5a - 8d + 22 = 6$

No.15 $3a - 11 - 2b = 7$
 $5b + 3a + 9 = 6a$

No.6 $5b + 4c - 50 = 2$
 $6c - 3b - 28 = 8$

No.16 $8b - 17 - 3d = 2$
 $5d + 6b - 40 = 5b$

No.7 $3a + 6b - 58 = 5$
 $9b - 6a - 59 = 4$

No.17 $8b - 12 - 4c = 6c$
 $2c + 8b - 8 = 7b$

No.8 $8c + 2a - 48 = 6$
 $6a - 9c + 45 = 9$

No.18 $6a + 54 - 5c = 7c$
 $7c + 2a - 28 = 6a$

No.9 $9b + 15 - 8c = 3$
 $3c + 5b - 31 = 7$

No.19 $3d + 94 - 7c = 9c$
 $5c + 6d - 23 = 8d$

No.10 $2d + 13 - 8b = 7$
 $7b + 8d - 84 = 9$

No.20 $4c - 1 - 2a = 7a$
 $7a + 6c - 49 = 2c$

Time taken: _____ Min. _____ Sec.

Score: _____

Date: _____

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Answer:

No.1	a = 4, c = 7	No.11	c = 3, a = 6
No.2	c = 4, b = 7	No.12	a = 5, c = 6
No.3	d = 6, b = 4	No.13	d = 3, b = 7
No.4	b = 9, c = 5	No.14	c = 6, a = 8
No.5	d = 7, a = 8	No.15	a = 8, b = 3
No.6	b = 4, c = 8	No.16	b = 5, d = 7
No.7	a = 3, b = 9	No.17	b = 4, c = 2
No.8	c = 6, a = 3	No.18	a = 7, c = 8
No.9	b = 4, c = 6	No.19	d = 6, c = 7
No.10	d = 9, b = 3	No.20	c = 7, a = 3

Speed and Accuracy