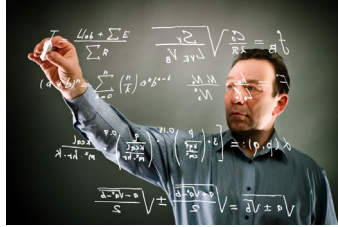


SOLVE SIMULTANEOUS EQUATIONS BY ELIMINATION SKILLS QUESTIONS



Solve the following simultaneous equations by elimination.

Q1. $x + y = 7$
 $x - y = 1$

Q2. $5x + y = 23$
 $2x + y = 11$

Q3. $2x + 3y = 3$
 $5x + 3y = 12$

Q4. $3m - 4n = -18$
 $5m - 4n = -22$

Q5. $4x + 3y = 1$
 $x - 3y = -11$

Q6. $2n - 5m = 3$
 $5m + n = 9$

Q7. $3x + 2y = 7$
 $4x - y = 13$

Q8. $4a - 3b = -7$
 $a + 2b = 1$

Q9. $3x + 5y = 13$
 $7x - 2y = 3$

Q10. $4x + 3y = 11$
 $3x + 2y = 8$

Q11. $7a - 3b = 10$
 $3a - 7b = 10$

Q12. $4a + 3b = 10$
 $4b + 3a = 11$

Q13. $3p + q = 7$
 $2p - q = 3$

Q14. $2x + 3y = 8$
 $2x - 3y = 2$

Q15. $5x + 2y = 33$
 $3x + 2y = 23$

Q16. $7x - 3y = 13$
 $4x - 3y = 7$

Q17. $4p + 3q = 6$
 $2p - 3q = 12$

Q18. $4p - q = 15$
 $2p - q = 9$

Q19. $3x + 4y = 36$
 $3x + y = 18$

Q20. $3x + 2y = 2$
 $x + y = 2$

Q21. $4x - y = 9$
 $2x + 3y = 1$

Q22. $4d - 3e = 26$
 $d - 3e = 11$

Q23. $4x + 3y = 11$
 $3x - 2y = 21$

Q24. $5m - 4n = 17$
 $2m - 3n = 18$

ANSWERS

Q1. 4, 3

Q2. 4, 3

Q3. 3, -1

Q4. -2, 3

Q5. -2, 3

Q6. 1, 4

Q7. 3, -1

Q8. -1, 1

Q9. 1, 2

Q10. 2, 1

Q11. 1, -1

Q12. 1, 2

Q13. 2, 1

Q14. $2\frac{1}{2}$, 1

Q15. 5, 4

Q16. 2, $\frac{1}{3}$

Q17. 3, -2

Q18. 3, -3

Q19. 4, 6

Q20. -2, 4

Q21. 2, -1

Q22. 5, -2

Q23. 5, -3

Q24. -3, -8