
Numerical based on Coloumb's Law (Level-I)

1. If three charges $Q_1 = 8.8 \times 10^{-5}$ micro Coulomb, $Q_2 = 7.2 \times 10^{-5}$ micro Coulomb and $Q_3 = 0.000184$ micro Coulomb are placed at three points. As A≡ (6,3) , B≡ (10,8) and C≡ (17,8) then Find Net electrostatic force on charge at C .

2. If three charges $Q_1 = 9.8 \times 10^{-5}$ micro Coulomb, $Q_2 = 2.8 \times 10^{-5}$ micro Coulomb and $Q_3 = 0.000119$ micro Coulomb are placed at three points. As A≡ (8,2) , B≡ (1,14) and C≡ (5,2) then Find Net electrostatic force on charge at C .

3. If three charges $Q_1 = 3.3 \times 10^{-5}$ micro Coulomb, $Q_2 = 1.5 \times 10^{-5}$ micro Coulomb and $Q_3 = 5.7 \times 10^{-5}$ micro Coulomb are placed at three points. As A≡ (8,6) , B≡ (4,9) and C≡ (18,2) then Find Net electrostatic force on charge at C .

4. If three charges $Q_1 = 8 \times 10^{-5}$ micro Coulomb,$Q_2 = 2 \times 10^{-5}$ micro Coulomb and $Q_3 = 8 \times 10^{-5}$ micro Coulomb are placed at three points. As A≡ (6,2) , B≡ (5,14) and C≡ (11,1) then Find Net electrostatic force on charge at C .

5. If three charges Q_1 = 7.2×10^{-5} micro Coulomb, Q_2 = 7.2×10^{-5} micro Coulomb and Q_3 = 0.000192 micro Coulomb are placed at three points. As A≡ (1,7) , B≡ (2,9) and C≡ (5,2) then Find Net electrostatic force on charge at C .

6. If three charges Q_1 = 2.5×10^{-5} micro Coulomb, Q_2 = 4.5×10^{-5} micro Coulomb and Q_3 = 0.000115 micro Coulomb are placed at three points. As A≡ (3,6) , B≡ (5,14) and C≡ (6,7) then Find Net electrostatic force on charge at C .

7. If three charges $Q_1 = 7.5 \times 10^{-5}$ micro Coulomb, $Q_2 = 2.5 \times 10^{-5}$ micro Coulomb and $Q_3 = 0.00011$ micro Coulomb are placed at three points. As A≡ (6,1) , B≡ (9,1) and C≡ (11,11) then Find Net electrostatic force on charge at C .

8. If three charges Q_1 = 9.9×10^{-5} micro Coulomb, Q_2 = 3.6×10^{-5} micro Coulomb and Q_3 = 6.3×10^{-5} micro Coulomb are placed at three points. As A≡ (7,8) , B≡ (8,2) and C≡ (8,15) then Find Net electrostatic force on charge at C .

9. If three charges $Q_1 = 0.000114$ micro Coulomb, $Q_2 = 3 \times 10^{-5}$ micro Coulomb and $Q_3 = 1.8 \times 10^{-5}$ micro Coulomb are placed at three points. As A≡ (9,1) , B≡ (12,3) and C≡ (7,6) then Find Net electrostatic force on charge at C .

10. If three charges $Q_1 = 1.2 \times 10^{-5}$ micro Coulomb, $Q_2 = 5.4 \times 10^{-5}$ micro Coulomb and $Q_3 = 4.8 \times 10^{-5}$ micro Coulomb are placed at three points. As A≡ (3,4) , B≡ (3,3) and C≡ (5,9) then Find Net electrostatic force on charge at C .

11. If three charges $Q_1 = 2.4 \times 10^{-5}$ micro Coulomb, $Q_2 = 2 \times 10^{-5}$ micro Coulomb and $Q_3 = 3.6 \times 10^{-5}$ micro Coulomb are placed at three points. As A≡ (8,6) , B≡ (2,8) and C≡ (3,5) then Find Net electrostatic

force on charge at C .

12. If three charges Q_1 = 8.4$\times 10^{-5}$ micro Coulomb, Q_2 = 4.9$\times 10^{-5}$ micro Coulomb and Q_3 = 0.000175 micro Coulomb are placed at three points. As A≡ (1,4) , B≡ (7,7) and C≡ (1,11) then Find Net electrostatic force on charge at C .

13. If three charges Q_1 = 5.6$\times 10^{-5}$ micro Coulomb, Q_2 = 4.2$\times 10^{-5}$ micro Coulomb and Q_3 = 0.000175 micro Coulomb are placed at three points. As A≡ (9,4) , B≡ (12,1) and C≡ (17,10) then Find Net electrostatic force on charge at C .

14. If three charges Q_1 = 1.5$\times 10^{-5}$ micro Coulomb, Q_2 = 2.7$\times 10^{-5}$ micro Coulomb and Q_3 = 1.2$\times 10^{-5}$ micro Coulomb are placed at three points. As A≡ (7,9) , B≡ (8,9) and C≡ (5,14) then Find Net electrostatic force on charge at C .

15. If three charges Q_1 = 0.000126 micro Coulomb, Q_2 = 2.8$\times 10^{-5}$ micro Coulomb and Q_3 = 4.2$\times 10^{-5}$ micro Coulomb are placed at three points. As A≡ (3,5) , B≡ (10,10) and C≡ (19,3) then Find Net electrostatic force on charge at C .

16. If three charges Q_1 = 0.00012 micro Coulomb, Q_2 = 3.2$\times 10^{-5}$ micro Coulomb and Q_3 = 0.00016 micro Coulomb are placed at three points. As A≡ (4,5) , B≡ (13,6) and C≡ (7,19) then Find Net electrostatic force on charge at C .

17. If three charges Q_1 = 1.2$\times 10^{-5}$ micro Coulomb, Q_2 = 1.6$\times 10^{-5}$ micro Coulomb and Q_3 = 3.8$\times 10^{-5}$ micro Coulomb are placed at three points. As A≡ (1,6) , B≡ (9,14) and C≡ (11,10) then Find Net electrostatic force on charge at C .

18. If three charges Q_1 = 4$\times 10^{-5}$ micro Coulomb, Q_2 = 3.2$\times 10^{-5}$ micro Coulomb and Q_3 = 0.000184 micro Coulomb are placed at three points. As A≡ (6,2) , B≡ (4,7) and C≡ (5,7) then Find Net electrostatic force on charge at C .

19. If three charges Q_1 = 0.000153 micro Coulomb, Q_2 = 5.4$\times 10^{-5}$ micro Coulomb and Q_3 = 0.000207 micro Coulomb are placed at three points. As A≡ (7,2) , B≡ (2,11) and C≡ (6,16) then Find Net electrostatic force on charge at C .

20. If three charges Q_1 = 2.8$\times 10^{-5}$ micro Coulomb, Q_2 = 5.6$\times 10^{-5}$ micro Coulomb and Q_3 = 0.000126 micro Coulomb are placed at three points. As A≡ (5,1) , B≡ (4,10) and C≡ (10,12) then Find Net electrostatic force on charge at C .

21. If the Charge of a particle is 3×10^{-6} micro coulomb and is at a distance of 1.2 meter from a positve charge of 3.6×10^{-6} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

22. If the Charge of a particle is 1.2$\times 10^{-6}$ micro coulomb and is at a distance of 1.4 meter from a positve charge of 1.68$\times 10^{-6}$ micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

23. If the Charge of a particle is 1.8$\times 10^{-6}$ micro coulomb and is at a distance of 0.2 meter from a positve charge of 3.6$\times 10^{-7}$ micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

24. If the Charge of a particle is 2.4$\times 10^{-6}$ micro coulomb and is at a distance of 0.4 meter from a positve charge of 9.600001$\times 10^{-7}$ micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

25. If the Charge of a particle is 1.8$\times 10^{-6}$ micro coulomb and is at a distance of 0.8 meter from a positve charge of 1.44$\times 10^{-6}$ micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

26. If the Charge of a particle is 3$\times 10^{-6}$ micro coulomb and is at a distance of 0.8 meter from a positve charge of 2.4$\times 10^{-6}$ micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between

the charges.

27. If the Charge of a particle is 2.4×10^{-6} micro coulomb and is at a distance of 1.2 meter from a positve charge of 2.88×10^{-6} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

28. If the Charge of a particle is 2.4×10^{-6} micro coulomb and is at a distance of 1.4 meter from a positve charge of 3.36×10^{-6} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

29. If the Charge of a particle is 6×10^{-7} micro coulomb and is at a distance of 0.2 meter from a positve charge of 1.2×10^{-7} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

30. If the Charge of a particle is 3×10^{-6} micro coulomb and is at a distance of 0.4 meter from a positve charge of 1.2×10^{-6} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

31. If the Charge of a particle is 3×10^{-6} micro coulomb and is at a distance of 0.8 meter from a positve charge of 2.4×10^{-6} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

32. If the Charge of a particle is 1.8×10^{-6} micro coulomb and is at a distance of 0.8 meter from a positve charge of 1.44×10^{-6} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

33. If the Charge of a particle is 2.4×10^{-6} micro coulomb and is at a distance of 1.4 meter from a positve charge of 3.36×10^{-6} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

34. If the Charge of a particle is 6×10^{-7} micro coulomb and is at a distance of 1.2 meter from a positve charge of 7.200001×10^{-7} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

35. If the Charge of a particle is 1.2×10^{-6} micro coulomb and is at a distance of 0.4 meter from a positve charge of 4.8×10^{-7} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

36. If the Charge of a particle is 3×10^{-6} micro coulomb and is at a distance of 1.2 meter from a positve charge of 3.6×10^{-6} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

37. If the Charge of a particle is 2.4×10^{-6} micro coulomb and is at a distance of 1.4 meter from a positve charge of 3.36×10^{-6} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

38. If the Charge of a particle is 3×10^{-6} micro coulomb and is at a distance of 0.2 meter from a positve charge of 6×10^{-7} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

39. If the Charge of a particle is 1.8×10^{-6} micro coulomb and is at a distance of 1.2 meter from a positve charge of 2.16×10^{-6} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

40. If three charges $Q_1 = 6.999 \times 10^{-5}$ micro Coulomb, $Q_2 = -2 \times 10^{-5}$ micro Coulomb and $Q_3 = 2.5 \times 10^{-5}$ micro Coulomb are placed at three points. As A (4,2) , B (8,4) and C (10,10) then Find Net electrostatic force on charge at C .

41. If three charges $Q_1 = 1.8 \times 10^{-5}$ micro Coulomb, $Q_2 = -5 \times 10^{-6}$ micro Coulomb and $Q_3 = 1.7 \times 10^{-5}$ micro Coulomb are placed at three points. As A (7,4) , B (14,13) and C (13,12) then Find Net electrostatic

force on charge at C .

42. If three charges $Q_1 = 3.6 \times 10^{-5}$ micro Coulomb, $Q_2 = -1.2 \times 10^{-5}$ micro Coulomb and $Q_3 = 3.9 \times 10^{-5}$ micro Coulomb are placed at three points. As A (7,9) , B (12,12) and C (17,14) then Find Net electrostatic force on charge at C .

43. If three charges $Q_1 = -1.6 \times 10^{-5}$ micro Coulomb, $Q_2 = 5 \times 10^{-6}$ micro Coulomb and $Q_3 = -3 \times 10^{-6}$ micro Coulomb are placed at three points. As A (1,7) , B (3,3) and C (17,4) then Find Net electrostatic force on charge at C .

44. If three charges $Q_1 = 5 \times 10^{-5}$ micro Coulomb, $Q_2 = -2 \times 10^{-5}$ micro Coulomb and $Q_3 = 6.999999 \times 10^{-5}$ micro Coulomb are placed at three points. As A (5,6) , B (4,3) and C (11,11) then Find Net electrostatic force on charge at C .

45. If three charges $Q_1 = 5.4 \times 10^{-5}$ micro Coulomb, $Q_2 = -3.6 \times 10^{-5}$ micro Coulomb and $Q_3 = 6 \times 10^{-5}$ micro Coulomb are placed at three points. As A (8,6) , B (8,13) and C (14,12) then Find Net electrostatic force on charge at C .

46. If three charges $Q_1 = 5.2 \times 10^{-5}$ micro Coulomb, $Q_2 = -2.8 \times 10^{-5}$ micro Coulomb and $Q_3 = 4 \times 10^{-5}$ micro Coulomb are placed at three points. As A (7,4) , B (9,3) and C (5,12) then Find Net electrostatic force on charge at C .

47. If three charges $Q_1 = 1.8 \times 10^{-5}$ micro Coulomb, $Q_2 = -5.4 \times 10^{-5}$ micro Coulomb and $Q_3 = 4.8 \times 10^{-5}$ micro Coulomb are placed at three points. As A (2,7) , B (6,1) and C (14,9) then Find Net electrostatic force on charge at C .

48. If three charges $Q_1 = 7 \times 10^{-6}$ micro Coulomb, $Q_2 = -5 \times 10^{-6}$ micro Coulomb and $Q_3 = 2.1 \times 10^{-5}$ micro Coulomb are placed at three points. As A (3,3) , B (6,5) and C (1,11) then Find Net electrostatic force on charge at C .

49. If three charges $Q_1 = 3.6 \times 10^{-5}$ micro Coulomb, $Q_2 = -2 \times 10^{-5}$ micro Coulomb and Q_3 = 0.0001 micro Coulomb are placed at three points. As A (5,9) , B (12,13) and C (18,16) then Find Net electrostatic force on charge at C .

50. If three charges $Q_1 = 7.2 \times 10^{-5}$ micro Coulomb, $Q_2 = -8.100001 \times 10^{-5}$ micro Coulomb and $Q_3 = 0.000234$ micro Coulomb are placed at three points. As A (3,8) , B (10,6) and C (9,15) then Find Net electrostatic force on charge at C .

51. If three charges $Q_1 = 1.4 \times 10^{-5}$ micro Coulomb, $Q_2 = -1.4 \times 10^{-5}$ micro Coulomb and $Q_3 = 5 \times 10^{-5}$ micro Coulomb are placed at three points. As A (6,4) , B (8,2) and C (9,17) then Find Net electrostatic force on charge at C .

52. If three charges $Q_1 = 3.4 \times 10^{-5}$ micro Coulomb, $Q_2 = -1.6 \times 10^{-5}$ micro Coulomb and $Q_3 = 1.4 \times 10^{-5}$ micro Coulomb are placed at three points. As A (3,5) , B (9,11) and C (6,13) then Find Net electrostatic force on charge at C .

53. If three charges $Q_1 = 1.1 \times 10^{-5}$ micro Coulomb, $Q_2 = -6 \times 10^{-6}$ micro Coulomb and $Q_3 = 1.3 \times 10^{-5}$ micro Coulomb are placed at three points. As A (8,3) , B (6,9) and C (3,12) then Find Net electrostatic force on charge at C .

54. If three charges $Q_1 = 6 \times 10^{-6}$ micro Coulomb, $Q_2 = -1.6 \times 10^{-5}$ micro Coulomb and $Q_3 = 1.8 \times 10^{-5}$ micro Coulomb are placed at three points. As A (1,3) , B (13,13) and C (6,8) then Find Net electrostatic force on charge at C .

55. If three charges Q_1 = 6.6$\times 10^{-5}$ micro Coulomb, Q_2 = -2.4$\times 10^{-5}$ micro Coulomb and Q_3 = 3.6$\times 10^{-5}$ micro Coulomb are placed at three points. As A (8,5) , B (9,9) and C (16,14) then Find Net electrostatic force on charge at C .

56. If three charges Q_1 = 5.4$\times 10^{-5}$ micro Coulomb, Q_2 = -5.4$\times 10^{-5}$ micro Coulomb and Q_3 = 1.8$\times 10^{-5}$ micro Coulomb are placed at three points. As A (3,5) , B (14,8) and C (4,3) then Find Net electrostatic force on

charge at C .

57. If three charges $Q_1 = 2.4 \times 10^{-5}$ micro Coulomb, $Q_2 = -1.5 \times 10^{-5}$ micro Coulomb and $Q_3 = 7.2 \times 10^{-5}$ micro Coulomb are placed at three points. As A (8,8) , B (2,5) and C (11,8) then Find Net electrostatic force on charge at C .

58. If three charges $Q_1 = 1.4 \times 10^{-5}$ micro Coulomb, $Q_2 = -8 \times 10^{-6}$ micro Coulomb and $Q_3 = 3.6 \times 10^{-5}$ micro Coulomb are placed at three points. As A (2,7) , B (7,7) and C (5,6) then Find Net electrostatic force on charge at C .

59. If three charges $Q_1 = 0.000104$ micro Coulomb, $Q_2 = -5.6 \times 10^{-5}$ micro Coulomb and $Q_3 = 0.000176$ micro Coulomb are placed at three points. As A (3,5) , B (2,3) and C (15,2) then Find Net electrostatic force on charge at C .

60. If three charges Q1 = 7×10^{-5} micro Coulomb, Q2 = -2.8$\times10^{-5}$ micro Coulomb and Q3 = 2.8$\times10^{-5}$ micro Coulomb are placed at three points. As A (2,3) , B (9,12) and C (3,14) then Find Net electrostatic force on charge at C .

61. If three charges Q1 = 9×10^{-5} micro Coulomb, Q2 = -4.5$\times10^{-5}$ micro Coulomb and Q3 = 2.5$\times10^{-5}$ micro Coulomb are placed at three points. As A (8,2) , B (10,13) and C (13,9) then Find Net electrostatic force on charge at C .

62. If three charges Q1 = 0.000108 micro Coulomb, Q2 = -8.100001$\times10^{-5}$ micro Coulomb and Q3 = 0.000216 micro Coulomb are placed at three points. As A (2,5) , B (4,6) and C (16,18) then Find Net electrostatic force on charge at C .

63. If three charges Q1 = 2.4$\times10^{-5}$ micro Coulomb, Q2 = -6.4$\times10^{-5}$ micro Coulomb and Q3 = 0.000192 micro Coulomb are placed at three points. As A (9,8) , B (8,10) and C (8,11) then Find Net electrostatic force on charge at C .

64. If three charges Q1 = 9.9$\times10^{-5}$ micro Coulomb, Q2 = -4.5$\times10^{-5}$ micro Coulomb and Q3 = 6.3$\times10^{-5}$ micro Coulomb are placed at three points. As A (4,5) , B (1,3) and C (11,5) then Find Net electrostatic force on charge at C .

65. If three charges Q1 = 2.8$\times10^{-5}$ micro Coulomb, Q2 = -6.3$\times10^{-5}$ micro Coulomb and Q3 = 0.000175 micro Coulomb are placed at three points. As A (7,1) , B (9,10) and C (6,18) then Find Net electrostatic force on charge at C .

66. If three charges Q1 = 0.000144 micro Coulomb, Q2 = -6.3$\times10^{-5}$ micro Coulomb and Q3 = 0.000234 micro Coulomb are placed at three points. As A (6,3) , B (3,10) and C (4,5) then Find Net electrostatic force on charge at C .

67. If three charges Q1 = 1.4$\times10^{-5}$ micro Coulomb, Q2 = -1.8$\times10^{-5}$ micro Coulomb and Q3 = 2.8$\times10^{-5}$ micro Coulomb are placed at three points. As A (9,8) , B (4,9) and C (14,3) then Find Net electrostatic force on charge at C .

68. If three charges Q1 = -1.5$\times10^{-5}$ micro Coulomb, Q2 = 6E-06micro Coulomb and Q3 = -1.2$\times10^{-5}$ micro Coulomb are placed at three points. As A (7,1) , B (4,2) and C (18,7) then Find Net electrostatic force on charge at C .

69. If three charges Q1 = 4.9$\times10^{-5}$ micro Coulomb, Q2 = -3.5$\times10^{-5}$ micro Coulomb and Q3 = 4.2$\times10^{-5}$ micro Coulomb are placed at three points. As A (7,3) , B (13,5) and C (9,4) then Find Net electrostatic force on charge at C .

70. If three charges Q1 = 0.000144 micro Coulomb, Q2 = -4.5$\times10^{-5}$ micro Coulomb and Q3 = 0.000207 micro Coulomb are placed at three points. As A (9,5) , B (5,12) and C (9,10) then Find Net electrostatic force on charge at C .

71. If three charges Q1 = 6.8$\times10^{-5}$ micro Coulomb, Q2 = -2.4$\times10^{-5}$ micro Coulomb and Q3 = 6$\times10^{-5}$ micro Coulomb are placed at three points. As A (2,7) , B (7,3) and C (5,9) then Find Net electrostatic force on charge

at C .

72. If Four charges $Q_1 = 4\times10^{-5}$ Coulomb, Q_2 = -2$\times10^{-5}$ Coulomb , $Q_3 = 4\times10^{-5}$ and Coulomb Q_4 = -1.2$\times10^{-5}$ Coulomb are placed at three points. As A (1,5) , B (5,7) , C (16,1) and D (5,0) then Find Net electrostatic force on charge at D .

73. If Four charges Q_1 = 7$\times10^{-5}$ Coulomb, Q_2 = -6.3$\times10^{-5}$ Coulomb , Q_3 = 0.000196 and Coulomb Q_4 = -0.000154 Coulomb are placed at three points. As A (2,2) , B (5,10) , C (-3,14) and D (2,5) then Find Net electrostatic force on charge at D .

74. If Four charges Q_1 = 8$\times10^{-6}$ Coulomb, Q_2 = -1.2$\times10^{-5}$ Coulomb , Q_3 = 4.6$\times10^{-5}$ and Coulomb Q_4 = -2.8$\times10^{-5}$ Coulomb are placed at three points. As A (9,5) , B (9,10) , C (6,2) and D (-4,5) then Find Net electrostatic force on charge at D .

75. If Four charges Q_1 = 2.4$\times10^{-5}$ Coulomb, Q_2 = -4.8$\times10^{-5}$ Coulomb , Q_3 = 0.000132 and Coulomb Q_4 = -8.4$\times10^{-5}$ Coulomb are placed at three points. As A (7,6) , B (13,2) , C (13,-1) and D (-1,9) then Find Net electrostatic force on charge at D .

76. If Four charges Q_1 = 0.000144 Coulomb, Q_2 = -4.8$\times10^{-5}$ Coulomb , Q_3 = 0.000312 and Coulomb Q_4 = -0.000144 Coulomb are placed at three points. As A (2,0) , B (5,4) , C (3,-1) and D (-4,3) then Find Net electrostatic force on charge at D .

77. If Four charges Q_1 = 2.4$\times10^{-5}$ Coulomb, Q_2 = -1.4$\times10^{-5}$ Coulomb , Q_3 = 3.6$\times10^{-5}$ and Coulomb Q_4 = -4.2$\times10^{-5}$ Coulomb are placed at three points. As A (0,6) , B (5,7) , C (8,18) and D (-2,15) then Find Net electrostatic force on charge at D .

78. If Four charges Q_1 = 1.2$\times10^{-5}$ Coulomb, Q_2 = -5.4$\times10^{-5}$ Coulomb , Q_3 = 0.000204 and Coulomb Q_4 = -0.000108 Coulomb are placed at three points. As A (1,2) , B (6,12) , C (18,-3) and D (-3,18) then Find Net electrostatic force on charge at D .

79. If Four charges Q_1 = 6$\times10^{-5}$ Coulomb, Q_2 = -4.8$\times10^{-5}$ Coulomb , Q_3 = 3$\times10^{-5}$ and Coulomb Q_4 = -1.8$\times10^{-5}$ Coulomb are placed at three points. As A (0,3) , B (5,14) , C (8,16) and D (-2,3) then Find Net electrostatic force on charge at D .

80. If Four charges Q_1 = 4.2$\times10^{-5}$ Coulomb, Q_2 = -4.9$\times10^{-5}$ Coulomb , Q_3 = 0.000203 and Coulomb Q_4 = -0.000189 Coulomb are placed at three points. As A (0,5) , B (-2,9) , C (4,0) and D (-1,5) then Find Net electrostatic force on charge at D .

81. If Four charges $Q_1 = 6\times10^{-6}$ Coulomb, Q_2 = -7$\times10^{-6}$ Coulomb , $Q_3 = 1.9\times10^{-5}$ and Coulomb Q_4 = -1$\times10^{-5}$ Coulomb are placed at three points. As A (8,6) , B (4,6) , C (13,-2) and D (3,26) then Find Net electrostatic force on charge at D .

82. If Four charges Q_1 = 4.4$\times10^{-5}$ Coulomb, Q_2 = -2.8$\times10^{-5}$ Coulomb , Q_3 = 0.00014 and Coulomb Q_4 = -1.6$\times10^{-5}$ Coulomb are placed at three points. As A (5,8) , B (-2,-2) , C (8,5) and D (8,10) then Find Net electrostatic force on charge at D .

83. If Four charges Q_1 = 1.6$\times10^{-5}$ Coulomb, Q_2 = -9$\times10^{-6}$ Coulomb , Q_3 = 8$\times10^{-6}$ and Coulomb Q_4 = -1.2$\times10^{-5}$ Coulomb are placed at three points. As A (9,2) , B (5,9) , C (15,-2) and D (6,0) then Find Net electrostatic force on charge at D .

84. If Four charges Q_1 = 2.7$\times10^{-5}$ Coulomb, Q_2 = -2.1$\times10^{-5}$ Coulomb , Q_3 = 3$\times10^{-6}$ and Coulomb Q_4 = -6.6$\times10^{-5}$ Coulomb are placed at three points. As A (6,2) , B (13,4) , C (7,-2) and D (3,-1) then Find Net electrostatic force on charge at D .

85. If Four charges Q_1 = 4$\times10^{-6}$ Coulomb, Q_2 = -8$\times10^{-6}$ Coulomb , Q_3 = 3.2$\times10^{-5}$ and Coulomb Q_4 = -1.1$\times10^{-5}$ Coulomb are placed at three points. As A (1,3) , B (12,4) , C (-3,7) and D (2,1) then Find Net electrostatic force on charge at D .

86. If Four charges Q_1 = 2.1$\times10^{-5}$ Coulomb, Q_2 = -4.2$\times10^{-5}$ Coulomb , Q_3 = 0.000203 and Coulomb Q_4 = -0.000154 Coulomb are placed at three points. As A (2,0) , B (5,1) , C (7,15) and D (4,15) then Find Net

electrostatic force on charge at D .

87. If Four charges $Q_1 = 4\times10^{-5}$ Coulomb, $Q_2 = -2\times10^{-5}$ Coulomb , $Q_3 = 4\times10^{-5}$ and Coulomb $Q_4 = -1.2\times10^{-5}$ Coulomb are placed at three points. As A (1,5) , B (5,7) , C (16,1) and D (5,0) then Find Net electrostatic force on charge at D .

88. If Four charges $Q_1 = 7\times10^{-5}$ Coulomb, $Q_2 = -6.3\times10^{-5}$ Coulomb , $Q_3 = 0.000196$ and Coulomb $Q_4 = -0.000154$ Coulomb are placed at three points. As A (2,2) , B (5,10) , C (-3,14) and D (2,5) then Find Net electrostatic force on charge at D .

89. If Four charges $Q_1 = 8\times10^{-6}$ Coulomb, $Q_2 = -1.2\times10^{-5}$ Coulomb , $Q_3 = 4.6\times10^{-5}$ and Coulomb $Q_4 = -2.8\times10^{-5}$ Coulomb are placed at three points. As A (9,5) , B (9,10) , C (6,2) and D (-4,5) then Find Net electrostatic force on charge at D .

90. If Four charges $Q_1 = 2.4\times10^{-5}$ Coulomb, $Q_2 = -4.8\times10^{-5}$ Coulomb , $Q_3 = 0.000132$ and Coulomb $Q_4 = -8.4\times10^{-5}$ Coulomb are placed at three points. As A (7,6) , B (13,2) , C (13,-1) and D (-1,9) then Find Net electrostatic force on charge at D .

91. If Four charges $Q_1 = 0.000144$ Coulomb, $Q_2 = -4.8\times10^{-5}$ Coulomb , $Q_3 = 0.000312$ and Coulomb $Q_4 = -0.000144$ Coulomb are placed at three points. As A (2,0) , B (5,4) , C (3,-1) and D (-4,3) then Find Net electrostatic force on charge at D .

92. If Four charges $Q_1 = 2.4\times10^{-5}$ Coulomb, $Q_2 = -1.4\times10^{-5}$ Coulomb , $Q_3 = 3.6\times10^{-5}$ and Coulomb $Q_4 = -4.2\times10^{-5}$ Coulomb are placed at three points. As A (0,6) , B (5,7) , C (8,18) and D (-2,15) then Find Net electrostatic force on charge at D .

93. If Four charges $Q_1 = 1.2\times10^{-5}$ Coulomb, $Q_2 = -5.4\times10^{-5}$ Coulomb , $Q_3 = 0.000204$ and Coulomb $Q_4 = -0.000108$ Coulomb are placed at three points. As A (1,2) , B (6,12) , C (18,-3) and D (-3,18) then Find Net electrostatic force on charge at D .

94. If Four charges $Q_1 = 6\times10^{-5}$ Coulomb, $Q_2 = -4.8\times10^{-5}$ Coulomb , $Q_3 = 3\times10^{-5}$ and Coulomb $Q_4 = -1.8\times10^{-5}$ Coulomb are placed at three points. As A (0,3) , B (5,14) , C (8,16) and D (-2,3) then Find Net electrostatic force on charge at D .

95. If Four charges $Q_1 = 4.2\times10^{-5}$ Coulomb, $Q_2 = -4.9\times10^{-5}$ Coulomb , $Q_3 = 0.000203$ and Coulomb $Q_4 = -0.000189$ Coulomb are placed at three points. As A (0,5) , B (-2,9) , C (4,0) and D (-1,5) then Find Net electrostatic force on charge at D .

96. If Four charges $Q_1 = 6\times10^{-6}$ Coulomb, $Q_2 = -7\times10^{-6}$ Coulomb , $Q_3 = 1.9\times10^{-5}$ and Coulomb $Q_4 = -1\times10^{-5}$ Coulomb are placed at three points. As A (8,6) , B (4,6) , C (13,-2) and D (3,26) then Find Net electrostatic force on charge at D .

97. If Four charges $Q_1 = 4.4\times10^{-5}$ Coulomb, $Q_2 = -2.8\times10^{-5}$ Coulomb , $Q_3 = 0.00014$ and Coulomb $Q_4 = -1.6\times10^{-5}$ Coulomb are placed at three points. As A (5,8) , B (-2,-2) , C (8,5) and D (8,10) then Find Net electrostatic force on charge at D .

98. If Four charges $Q_1 = 1.6\times10^{-5}$ Coulomb, $Q_2 = -9\times10^{-6}$ Coulomb , $Q_3 = 8\times10^{-6}$ and Coulomb $Q_4 = -1.2\times10^{-5}$ Coulomb are placed at three points. As A (9,2) , B (5,9) , C (15,-2) and D (6,0) then Find Net electrostatic force on charge at D .

99. If Four charges $Q_1 = 2.7\times10^{-5}$ Coulomb, $Q_2 = -2.1\times10^{-5}$ Coulomb , $Q_3 = 3\times10^{-6}$ and Coulomb $Q_4 = -6.6\times10^{-5}$ Coulomb are placed at three points. As A (6,2) , B (13,4) , C (7,-2) and D (3,-1) then Find Net electrostatic force on charge at D .

100. If Four charges $Q_1 = 4\times10^{-6}$ Coulomb, $Q_2 = -8\times10^{-6}$ Coulomb , $Q_3 = 3.2\times10^{-5}$ and Coulomb $Q_4 = -1.1\times10^{-5}$ Coulomb are placed at three points. As A (1,3) , B (12,4) , C (-3,7) and D (2,1) then Find Net electrostatic force on charge at D .

101. If Four charges $Q_1 = 2.1\times10^{-5}$ Coulomb, $Q_2 = -4.2\times10^{-5}$ Coulomb , $Q_3 = 0.000203$ and Coulomb $Q_4 = -0.000154$ Coulomb are placed at three points. As A (2,0) , B (5,1) , C (7,15) and D (4,15) then Find Net

electrostatic force on charge at D .

102. If the Charge of a particle is 2.4×10^{-6} Coulomb and is at a distance of 0.8 meter from a positve charge of 1.92×10^{-6} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

103. If the Charge of a particle is 9.6×10^{-6} Coulomb and is at a distance of 0.6 meter from a positve charge of 5.76×10^{-6} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

104. If Four charges $Q_1 = 3 \times 10^{-5}$ Coulomb, $Q_2 = -1.5 \times 10^{-5}$ Coulomb , $Q_3 = 3 \times 10^{-6}$ Coulomb $Q_4 = -3.9 \times 10^{-5}$ Coulomb are placed at three points. As A (9,9) , B (10,6) , C (9,0) and D (4,28) then Find Net electrostatic force on charge at D .

105. If three charges $Q_1 = 1\times10^{-5}$ Coulomb, $Q_2 = -2.5\times10^{-5}$ Coulomb and $Q_3 = 3.5\times10^{-5}$ Coulomb are placed at three points. As A (8,7) , B (7,9) and C (8,10) then Find Net electrostatic force on charge at C .

106. If the Charge of a particle is 7.5×10^{-6} Coulomb and is at a distance of 0.4 meter from a positve charge of 3×10^{-6} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

107. If three charges $Q_1 = 3.8\times10^{-5}$ Coulomb, $Q_2 = -8\times10^{-6}$ Coulomb and $Q_3 = 1.4\times10^{-5}$ Coulomb are placed at three points. As A (4,7) , B (5,11) and C (16,6) then Find Net electrostatic force on charge at C .

108. If Four charges $Q_1 = 6 \times 10^{-5}$ Coulomb, $Q_2 = -3.6 \times 10^{-5}$ Coulomb , $Q_3 = 0.000222$ Coulomb $Q_4 = -7.8 \times 10^{-5}$ Coulomb are placed at three points. As A (2,2) , B (12,3) , C (10,18) and D (3,13) then Find Net electrostatic force on charge at D .

109. If three charges $Q_1 = 4.2\times10^{-5}$ Coulomb, $Q_2 = -3\times10^{-5}$ Coulomb and $Q_3 = 0.000138$ Coulomb are placed at three points. As A (9,1) , B (14,4) and C (5,11) then Find Net electrostatic force on charge at C .

110. If three charges $Q_1 = 8\times10^{-5}$ Coulomb, $Q_2 = -2\times10^{-5}$ Coulomb and $Q_3 = 0.000115$ Coulomb are placed at three points. As A (8,9) , B (4,14) and C (10,7) then Find Net electrostatic force on charge at C .

111. If the Charge of a particle is 6×10^{-6} Coulomb and is at a distance of 0.2 meter from a positve charge of 1.2×10^{-6} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

112. If Four charges $Q_1 = 5\times10^{-6}$ Coulomb, $Q_2 = -4\times10^{-6}$ Coulomb , $Q_3 = 1.5\times10^{-5}$ Coulomb $Q_4 = -1.9\times10^{-5}$ Coulomb are placed at three points. As A (6,1) , B (1,-2) , C (12,-3) and D (7,-2) then Find Net electrostatic force on charge at D .

113. If Four charges $Q_1 = 5.6\times10^{-5}$ Coulomb, $Q_2 = -4.8\times10^{-5}$ Coulomb , $Q_3 = 5.6\times10^{-5}$ Coulomb $Q_4 = -0.000112$ Coulomb are placed at three points. As A (4,9) , B (13,10) , C (0,19) and D (-3,25) then Find Net electrostatic force on charge at D .

114. If the Charge of a particle is 4.8×10^{-6} Coulomb and is at a distance of 0.8 meter from a positve charge of 3.84×10^{-6} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

115. If the Charge of a particle is 2.4×10^{-6} Coulomb and is at a distance of 0.4 meter from a positve charge of 9.600001×10^{-7} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

116. If Four charges $Q_1 = 0.000126$ Coulomb, $Q_2 = -8.100001\times10^{-5}$ Coulomb , $Q_3 = 0.000243$ Coulomb $Q_4 = -0.000171$ Coulomb are placed at three points. As A (8,6) , B (2,8) , C (0,15) and D (-1,1) then Find Net electrostatic force on charge at D .

117. If Four charges $Q_1 = -1.3\times10^{-5}$ Coulomb, $Q_2 = 7\times10^{-6}$ Coulomb , $Q_3 = -3.4\times10^{-5}$ Coulomb $Q_4 = 2.7\times10^{-5}$ Coulomb are placed at three points. As A (2,7) , B (-1,9) , C (-3,3) and D (-4,22) then Find Net electrostatic

force on charge at D .

118. If the Charge of a particle is -1.2$\times 10^{-6}$ Coulomb and is at a distance of 0.2 meter from a positve charge of -2.4$\times 10^{-7}$ Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

119. If Four charges Q_1 = 4.5$\times 10^{-5}$ Coulomb, Q_2 = -2.7$\times 10^{-5}$ Coulomb , Q_3 = 1.5$\times 10^{-5}$ Coulomb Q_4 = -3.3$\times 10^{-5}$ Coulomb are placed at three points. As A (8,1) , B (11,10) , C (1,17) and D (9,11) then Find Net electrostatic force on charge at D .

120. If the Charge of a particle is 3.6$\times 10^{-6}$ Coulomb and is at a distance of 1.4 meter from a positve charge of 5.04$\times 10^{-6}$ Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

121. If the Charge of a particle is 4.5×10^{-6} Coulomb and is at a distance of 0.8 meter from a positve charge of 3.6$\times 10^{-6}$ Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

122. If the Charge of a particle is 9.000001$\times 10^{-7}$ Coulomb and is at a distance of 0.6 meter from a positve charge of 5.400001×10^{-7} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

123. If Four charges Q_1 = -2.8$\times 10^{-5}$ Coulomb, Q_2 = 1.4$\times 10^{-5}$ Coulomb , Q_3 = -7$\times 10^{-5}$ Coulomb Q_4 = 5$\times 10^{-5}$ Coulomb are placed at three points. As A (6,6) , B (-1,11) , C (-1,17) and D (-4,22) then Find Net electrostatic force on charge at D .

124. If Four charges Q_1 = 6$\times 10^{-5}$ Coulomb, Q_2 = -2.5$\times 10^{-5}$ Coulomb , Q_3 = 3$\times 10^{-5}$ Coulomb Q_4 = -0.00011 Coulomb are placed at three points. As A (1,5) , B (-1,5) , C (4,14) and D (-3,13) then Find Net electrostatic force on charge at D .

125. If three charges Q_1 = 4.2$\times 10^{-5}$ Coulomb, Q_2 = -1.2$\times 10^{-5}$ Coulomb and Q_3 = 3.3$\times 10^{-5}$ Coulomb are placed at three points. As A (6,4) , B (4,9) and C (13,18) then Find Net electrostatic force on charge at C .

126. If Four charges Q_1 = 1.1$\times 10^{-5}$ Coulomb, Q_2 = -9$\times 10^{-6}$ Coulomb , Q_3 = 3$\times 10^{-5}$ Coulomb Q_4 = -4$\times 10^{-6}$ Coulomb are placed at three points. As A (6,6) , B (4,2) , C (0,3) and D (9,1) then Find Net electrostatic force on charge at D .

127. If Four charges Q_1 = 1.8$\times 10^{-5}$ Coulomb, Q_2 = -7$\times 10^{-6}$ Coulomb , Q_3 = 2.1$\times 10^{-5}$ Coulomb Q_4 = -1.3$\times 10^{-5}$ Coulomb are placed at three points. As A (4,4) , B (2,12) , C (0,3) and D (3,6) then Find Net electrostatic force on charge at D .

128. If the Charge of a particle is 6$\times 10^{-7}$ Coulomb and is at a distance of 0.8 meter from a positve charge of 4.8$\times 10^{-7}$ Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

129. If the Charge of a particle is 6$\times 10^{-7}$ Coulomb and is at a distance of 1.2 meter from a positve charge of 7.200001$\times 10^{-7}$ Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

130. If the Charge of a particle is 3$\times 10^{-7}$ Coulomb and is at a distance of 0.6 meter from a positve charge of 1.8$\times 10^{-7}$ Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges.

131. If three charges Q1 = 2.7$\times 10^{-5}$ Coulomb, Q2 = -5.4$\times 10^{-5}$ Coulomb and Q3 = 9$\times 10^{-5}$ Coulomb are placed at three points. As A (5,4) , B (11,3) and C (4,15) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

132. If three charges Q1 = 1$\times 10^{-5}$ Coulomb, Q2 = -2.5$\times 10^{-5}$ Coulomb and Q3 = 0.000105 Coulomb are placed at three points. As A (6,4) , B (14,8) and C (6,14) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

133. If three charges Q1 = 1.8×10^{-5} Coulomb, Q2 = -5.4×10^{-5} Coulomb and Q3 = 0.000243 Coulomb are placed at three points. As A (9,8) , B (6,10) and C (19,6) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

134. If three charges Q1 = 4×10^{-5} Coulomb, Q2 = -4.5×10^{-5} Coulomb and Q3 = 6.5×10^{-5} Coulomb are placed at three points. As A (9,1) , B (13,12) and C (15,3) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

135. If three charges Q1 = 4.2×10^{-5} Coulomb, Q2 = -5.4×10^{-5} Coulomb and Q3 = 5.4×10^{-5} Coulomb are placed at three points. As A (4,7) , B (13,8) and C (7,5) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

136. If three charges Q1 = -3.4×10^{-5} Coulomb, Q2 = 8×10^{-6} Coulomb and Q3 = -2.2×10^{-5} Coulomb are placed at three points. As A (3,2) , B (4,13) and C (15,1) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

137. If three charges Q1 = -1.6×10^{-5} Coulomb, Q2 = 1×10^{-5} Coulomb and Q3 = -3.4×10^{-5} Coulomb are placed at three points. As A (4,2) , B (2,4) and C (18,18) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

138. If three charges Q1 = -4×10^{-6} Coulomb, Q2 = 8×10^{-6} Coulomb and Q3 = -1.1×10^{-5} Coulomb are placed at three points. As A (7,6) , B (7,8) and C (13,1) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

139. If three charges Q1 = 4×10^{-6} Coulomb, Q2 = -1×10^{-5} Coulomb and Q3 = 1.8×10^{-5} Coulomb are placed at three points. As A (5,4) , B (4,5) and C (11,13) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

140. If three charges Q1 = 2.8×10^{-5} Coulomb, Q2 = -4.9×10^{-5} Coulomb and Q3 = 5.6×10^{-5} Coulomb are placed at three points. As A (8,2) , B (1,5) and C (9,6) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

141. If three charges Q1 = 9.5×10^{-5} Coulomb, Q2 = -2.5×10^{-5} Coulomb and Q3 = 6.999999×10^{-5} Coulomb are placed at three points. As A (1,2) , B (1,4) and C (16,17) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

142. If three charges Q1 = 9.6×10^{-5} Coulomb, Q2 = -3.2×10^{-5} Coulomb and Q3 = 0.000152 Coulomb are placed at three points. As A (1,2) , B (1,9) and C (19,2) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

143. If three charges Q1 = 5.5×10^{-5} Coulomb, Q2 = -3.5×10^{-5} Coulomb and Q3 = 0.00013 Coulomb are placed at three points. As A (7,5) , B (8,4) and C (12,14) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

144. If three charges Q1 = -4×10^{-6} Coulomb, Q2 = 1.2×10^{-5} Coulomb and Q3 = -1.8×10^{-5} Coulomb are placed at three points. As A (8,4) , B (13,6) and C (12,9) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

145. If three charges Q1 = -1.4×10^{-5} Coulomb, Q2 = 8×10^{-6} Coulomb and Q3 = -3×10^{-5} Coulomb are placed at three points. As A (9,8) , B (1,12) and C (7,2) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

146. If three charges Q1 = 4.9×10^{-5} Coulomb, Q2 = -4.9×10^{-5} Coulomb and Q3 = 6.3×10^{-5} Coulomb are placed at three points. As A (4,9) , B (5,8) and C (17,9) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

147. If three charges Q1 = 6.4×10^{-5} Coulomb, Q2 = -7.2×10^{-5} Coulomb and Q3 = 0.000144 Coulomb are placed at three points. As A (2,7) , B (13,3) and C (7,3) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

148. If three charges $Q_1 = 0.000126$ Coulomb, $Q_2 = -7.2 \times 10^{-5}$ Coulomb and $Q_3 = 6.3 \times 10^{-5}$ Coulomb are placed at three points. As A (4,6) , B (13,3) and C (10,8) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point P of AB line.

149. If the Charge of a particle is 1.08×10^{-5} Coulomb and is at a distance of 0.2 meter from a positve charge of 2.16×10^{-6} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

150. If the Charge of a particle is -1.2×10^{-6} Coulomb and is at a distance of 1.2 meter from a positve charge of -1.44×10^{-6} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

151. If three charges $Q_1 = 3.2\times10^{-5}$ Coulomb, $Q_2 = -6.4\times10^{-5}$ Coulomb and $Q_3 = 0.000168$ Coulomb are placed at three points. As A (2,9) , B (10,11) and C (8,17) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point P of AB line.

152. If Four charges $Q_1 = -1.8\times10^{-5}$ Coulomb, $Q_2 = 1.2\times10^{-5}$ Coulomb , $Q_3 = -2.6\times10^{-5}$ Coulomb Q4 = 3.2×10^{-5} Coulomb are placed at three points. As A (5,7) , B (6,3) , C (4,10) and D (6,2) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point P of AB .

153. If the Charge of a particle is -2.4×10^{-6} Coulomb and is at a distance of 0.8 meter from a positve charge of -1.92×10^{-6} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

154. If three charges $Q_1 = -3.8\times10^{-5}$ Coulomb, $Q_2 = 1.4\times10^{-5}$ Coulomb and $Q_3 = -4\times10^{-5}$ Coulomb are placed at three points. As A (3,7) , B (3,6) and C (2,3) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point P of AB line.

155. If three charges $Q_1 = -1.7\times10^{-5}$ Coulomb, $Q_2 = 8\times10^{-6}$ Coulomb and $Q_3 = -2\times10^{-5}$ Coulomb are placed at three points. As A (2,6) , B (1,6) and C (18,16) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point P of AB line.

156. If the Charge of a particle is -3×10^{-7} Coulomb and is at a distance of 1.2 meter from a positve charge of -3.6×10^{-7} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

157. If three charges $Q_1 = -1.1\times10^{-5}$ Coulomb, $Q_2 = 8\times10^{-6}$ Coulomb and $Q_3 = -2.5\times10^{-5}$ Coulomb are placed at three points. As A (5,8) , B (10,11) and C (13,18) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point P of AB line.

158. If the Charge of a particle is -1.2×10^{-6} Coulomb and is at a distance of 0.4 meter from a positve charge of -4.8×10^{-7} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

159. If the Charge of a particle is -9×10^{-7} Coulomb and is at a distance of 0.4 meter from a positve charge of -3.6×10^{-7} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

160. If three charges $Q_1 = 3.6\times10^{-5}$ Coulomb, $Q_2 = -1.8\times10^{-5}$ Coulomb and $Q_3 = 1.5\times10^{-5}$ Coulomb are placed at three points. As A (1,4) , B (2,3) and C (4,4) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point P of AB line.

161. If Four charges $Q_1 = 2.7\times10^{-5}$ Coulomb, $Q_2 = -2.4\times10^{-5}$ Coulomb , $Q_3 = 0.000108$ Coulomb Q4 = -7.2×10^{-5} Coulomb are placed at three points. As A (5,5) , B (11,13) , C (7,7) and D (-1,21) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point P of AB .

162. If Four charges $Q_1 = 0.000133$ Coulomb, $Q_2 = -5.6\times10^{-5}$ Coulomb , $Q_3 = 0.000266$ Coulomb Q4 = -2.1×10^{-5} Coulomb are placed at three points. As A (3,3) , B (13,-1) , C (1,-2) and D (4,11) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point P of AB .

163. If three charges $Q_1 = 3.9\times10^{-5}$ Coulomb, Q_2 = -2.4$\times10^{-5}$ Coulomb and $Q_3 = 3.3\times10^{-5}$ Coulomb are placed at three points. As A (7,2) , B (7,3) and C (18,14) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point P of AB line.

164. If the Charge of a particle is 3.6×10^{-6} Coulomb and is at a distance of 0.6 meter from a positve charge of 2.16×10^{-6} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

165. If the Charge of a particle is 3.6×10^{-6} Coulomb and is at a distance of 0.2 meter from a positve charge of 7.200001×10^{-7} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

166. If Four charges $Q_1 = 2.4\times10^{-5}$ Coulomb, Q_2 = -2.1$\times10^{-5}$ Coulomb , $Q_3 = 5.1\times10^{-5}$ Coulomb Q4 = -1.5$\times10^{-5}$ Coulomb are placed at three points. As A (9,6) , B (5,1) , C (11,9) and D (2,9) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point P of AB .

167. If three charges $Q_1 = 4.2\times10^{-5}$ Coulomb, Q_2 = -5.4$\times10^{-5}$ Coulomb and Q_3 = 0.000108 Coulomb are placed at three points. As A (6,5) , B (14,1) and C (2,11) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point P of AB line.

168. If Four charges $Q_1 = 3.6\times10^{-5}$ Coulomb, Q_2 = -5.4$\times10^{-5}$ Coulomb , Q_3 = 0.00015 Coulomb Q4 = -7.2$\times10^{-5}$ Coulomb are placed at three points. As A (0,5) , B (12,4) , C (5,0) and D (6,11) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point P of AB .

169. If the Charge of a particle is 1.8×10^{-6} Coulomb and is at a distance of 0.6 meter from a positve charge of 1.08×10^{-6} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

170. If the Charge of a particle is 3.6×10^{-6} Coulomb and is at a distance of 1.4 meter from a positve charge of 5.04×10^{-6} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

171. If Four charges Q_1 = 0.000104 Coulomb, Q_2 = -4$\times10^{-5}$ Coulomb , $Q_3 = 4\times10^{-5}$ Coulomb Q4 = -0.000176 Coulomb are placed at three points. As A (6,2) , B (4,-2) , C (0,-2) and D (-4,25) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point P of AB .

172. If three charges $Q_1 = 4.5\times10^{-5}$ Coulomb, Q_2 = -3.6$\times10^{-5}$ Coulomb and $Q_3 = 4.5\times10^{-5}$ Coulomb are placed at three points. As A (8,2) , B (9,10) and C (7,19) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point P of AB line.

173. If Four charges Q_1 = 0.00012 Coulomb, Q_2 = -3.2$\times10^{-5}$ Coulomb , $Q_3 = 7.2\times10^{-5}$ Coulomb Q4 = -0.000112 Coulomb are placed at three points. As A (9,1) , B (6,13) , C (14,2) and D (4,4) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point P of AB .

174. If Four charges $Q_1 = 6\times10^{-6}$ Coulomb, Q_2 = -2.1$\times10^{-5}$ Coulomb , $Q_3 = 4.5\times10^{-5}$ Coulomb Q4 = -6.6$\times10^{-5}$ Coulomb are placed at three points. As A (4,1) , B (3,4) , C (2,19) and D (-3,-2) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point P of AB .

175. If the Charge of a particle is 3.6×10^{-6} Coulomb and is at a distance of 0.8 meter from a positve charge of 2.88×10^{-6} Coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

176. If Four charges $Q_1 = 4.5\times10^{-5}$ Coulomb, Q_2 = -3.6$\times10^{-5}$ Coulomb , Q_3 = 0.000342 Coulomb Q4 = -0.000144 Coulomb are placed at three points. As A (1,2) , B (3,0) , C (9,4) and D (0,21) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point P of AB .

177. If three charges Q1 = 5.5$\times10^{-5}$ Coulomb , Q2 = -4.5$\times10^{-5}$ Coulomb and Q3 = 0.00013 Coulomb are placed at three points. As A (9,9) , B (10,9) and C (8,9) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

178. If three charges Q1 = -1.7$\times10^{-5}$ Coulomb , Q2 = 7$\times10^{-6}$ Coulomb and Q3 = -2.4$\times10^{-5}$ Coulomb are placed at three points. As A (3,7) , B (2,1) and C (3,3) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

179. If three charges Q1 = 4$\times10^{-5}$ Coulomb , Q2 = -4$\times10^{-5}$ Coulomb and Q3 = 9$\times10^{-5}$ Coulomb are placed at three points. As A (7,9) , B (12,12) and C (14,7) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

180. If the Charge of a particle is 3$\times10^{-6}$ micro coulomb and is at a distance of 0.4 meter from a positve charge of 1.2$\times10^{-6}$ micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

181. If three charges Q1 = -4$\times10^{-6}$ Coulomb , Q2 = 6$\times10^{-6}$ Coulomb and Q3 = -2.4$\times10^{-5}$ Coulomb are placed at three points. As A (2,9) , B (6,8) and C (13,11) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

182. If three charges Q1 = 2$\times10^{-5}$ Coulomb , Q2 = -1.8$\times10^{-5}$ Coulomb and Q3 = 1$\times10^{-5}$ Coulomb are placed at three points. As A (8,4) , B (5,13) and C (19,12) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

183. If the Charge of a particle is 1.2$\times10^{-6}$ micro coulomb and is at a distance of 0.2 meter from a positve charge of 2.4$\times10^{-7}$ micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

184. If Four charges Q1 = 9.1$\times10^{-5}$ Coulomb , Q2 = -3.5$\times10^{-5}$ Coulomb , Q3 = 0.000175 Coulomb Q4 = -0.000147 Coulomb are placed at three points. As A (4,7) , B (5,3) , C (7,9) and D (-3,25) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point of AB.

185. If Four charges Q1 = -2$\times10^{-6}$ Coulomb , Q2 = 6$\times10^{-6}$ Coulomb , Q3 = -2$\times10^{-6}$ Coulomb Q4 = 6$\times10^{-6}$ Coulomb are placed at three points. As A (2,0) , B (13,-2) , C (11,-2) and D (3,24) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point of AB.

186. If three charges Q1 = 8$\times10^{-6}$ Coulomb , Q2 = -3.6$\times10^{-5}$ Coulomb and Q3 = 4.8$\times10^{-5}$ Coulomb are placed at three points. As A (2,9) , B (8,5) and C (4,7) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

187. If Four charges Q1 = 1.5$\times10^{-5}$ Coulomb , Q2 = -2$\times10^{-5}$ Coulomb , Q3 = 0.000195 Coulomb Q4 = -6.5$\times10^{-5}$ Coulomb are placed at three points. As A (4,8) , B (11,1) , C (0,-2) and D (4,-4) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point of AB.

188. If the Charge of a particle is 6$\times10^{-6}$ micro coulomb and is at a distance of 1.2 meter from a positve charge of 7.2$\times10^{-6}$ micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

189. If three charges Q1 = 2.4$\times10^{-5}$ Coulomb , Q2 = -4.2$\times10^{-5}$ Coulomb and Q3 = 4.2$\times10^{-5}$ Coulomb are placed at three points. As A (6,2) , B (13,6) and C (9,16) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

190. If three charges Q1 = -7$\times10^{-6}$ Coulomb , Q2 = 7$\times10^{-6}$ Coulomb and Q3 = -4$\times10^{-6}$ Coulomb are placed at three points. As A (8,2) , B (5,8) and C (1,12) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

191. If Four charges Q1 = 5.5$\times10^{-5}$ Coulomb , Q2 = -2.5$\times10^{-5}$ Coulomb , Q3 = 4$\times10^{-5}$ Coulomb Q4 = -0.00014 Coulomb are placed at three points. As A (8,4) , B (13,11) , C (4,9) and D (0,23) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point of AB.

192. If Four charges Q1 = 4.5$\times10^{-5}$ Coulomb , Q2 = -3.6$\times10^{-5}$ Coulomb , Q3 = 6.3$\times10^{-5}$ Coulomb Q4 = -0.000153 Coulomb are placed at three points. As A (8,8) , B (2,-1) , C (11,15) and D (2,-2) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point of AB.

193. If the Charge of a particle is 2.7×10^{-6} micro coulomb and is at a distance of 1.2 meter from a positve charge of 3.24×10^{-6} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

194. If three charges Q1 = -1×10^{-5} Coulomb , Q2 = 8×10^{-6} Coulomb and Q3 = -1.6×10^{-5} Coulomb are placed at three points. As A (9,3) , B (11,10) and C (8,4) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

195. If the Charge of a particle is -3×10^{-6} micro coulomb and is at a distance of 0.8 meter from a positve charge of -2.4×10^{-6} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

196. If three charges Q1 = 1×10^{-5} Coulomb , Q2 = -2.5×10^{-5} Coulomb and Q3 = 6.999999×10^{-5} Coulomb are placed at three points. As A (3,6) , B (7,11) and C (18,14) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

197. If Four charges Q1 = 9.6×10^{-5} Coulomb , Q2 = -2.4×10^{-5} Coulomb , Q3 = 0.000204 Coulomb Q4 = -3×10^{-5} Coulomb are placed at three points. As A (6,6) , B (8,6) , C (1,11) and D (7,16) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point of AB.

198. If the Charge of a particle is 1.8×10^{-6} micro coulomb and is at a distance of 0.4 meter from a positve charge of 7.200001×10^{-7} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

199. If Four charges Q1 = 2.4×10^{-5} Coulomb , Q2 = -3.2×10^{-5} Coulomb , Q3 = 3.2×10^{-5} Coulomb Q4 = -3.2×10^{-5} Coulomb are placed at three points. As A (2,6) , B (-1,5) , C (9,12) and D (5,19) then Find Net electrostatic force on charge at D and Net electrostatic Potential at the mid point of AB.

200. If three charges Q1 = -7×10^{-6} Coulomb , Q2 = 7×10^{-6} Coulomb and Q3 = -7×10^{-6} Coulomb are placed at three points. As A (6,9) , B (4,8) and C (8,9) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

201. If the Charge of a particle is -1.5×10^{-6} micro coulomb and is at a distance of 0.2 meter from a positve charge of -3×10^{-7} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

202. If three charges Q1 = -2.6×10^{-5} Coulomb , Q2 = 1.6×10^{-5} Coulomb and Q3 = -2×10^{-5} Coulomb are placed at three points. As A (3,1) , B (1,7) and C (7,14) then Find Net electrostatic force on charge at C and net eletrostatic potential at the mid point of AB line.

203. If the Charge of a particle is -6×10^{-7} micro coulomb and is at a distance of 1.2 meter from a positve charge of -7.200001×10^{-7} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

204. If the Charge of a particle is -6×10^{-7} micro coulomb and is at a distance of 0.2 meter from a positve charge of -1.2×10^{-7} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

205. If the Charge of a particle is -6×10^{-7} micro coulomb and is at a distance of 0.8 meter from a positve charge of -4.8×10^{-7} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.

206. If the Charge of a particle is -6×10^{-7} micro coulomb and is at a distance of 0.4 meter from a positve charge of -2.4×10^{-7} micro coulomb . Then find the Electrostatic Force between them and locate the neutral point between the charges also find total electrical potential at neutral point.