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| **Вариант 1.**   1. sinx = 0; 2. 2tg3x = 0; 3. 2cosx = 1; 4. 2sin(2x – 4π) =; 5. cos22x = 2; 6. 1 – sin2x = 0; 7. 2cos2x -5cosx – 3 = 0; 8. 3sin2x + 7cosx – 3 = 0; 9. 2tg23x – 3tg3x + 1 = 0; 10. (1 – cos2x)(сtg(-2x) + ) = 0. | **Вариант 2.**   1. cosx = 0**;** 2. 3ctg2x = 0**;** 3. 2sinx = 4. 2cos(2x – 4π) = **;** 5. sin4x = 1**;** 6. 1 – cos2x = 0**;** 7. 2 + cos2 x - 3 cos x = 0; 8. 2cos2x + 5sinx – 4 = 0**;** 9. tg 2 2x – 9 tg 2x + 8 = 0**;** 10. (sinx + 1)(ctg(-2x)–) = 0. |
| **Вариант 3.**   1. sinx = 1; 2. 2ctg3x = 0; 3. 2sinx = 1; 4. 2cos (2x – 6π) = 5. cos22x = 3; 6. sin2x– 1= 0 7. 2cos2x -5cosx – 3 = 0; 8. 4 – cos2x = 4 sin x. 9. 6 tg 2 3x – 5 tg 3x – 1 = 0 10. (1 – sin 2x)(3сtgx + ) = 0 | **Вариант 4.**   1. cosx = -1 2. 3tg2x = 0 3. 2cosx = 4. 2sin (2x – 4π) = 5. sin4x = 1 6. cos2x –1= 0 7. 3 + cos2 x - 4 cos x = 0; 8. 2cos2x - 5sinx +1 = 0 9. tg 2 2x – 8 tg 2x + 7 = 0 10. (cos x + 1)(3ctg2x+) = 0 |
| **Вариант 1.**   1. sinx = 0; 2. 2tg3x = 0; 3. 2cosx = 1; 4. 2sin(2x – 4π) =; 5. cos22x = 2; 6. 1 – sin2x = 0; 7. 2cos2x -5cosx – 3 = 0; 8. 3sin2x + 7cosx – 3 = 0; 9. 2tg23x – 3tg3x + 1 = 0; 10. (1 – cos2x)(сtg(-2x) + ) = 0. | **Вариант 2.**   1. cosx = 0**;** 2. 3ctg2x = 0**;** 3. 2sinx = 4. 2cos(2x – 4π) = **;** 5. sin4x = 1**;** 6. 1 – cos2x = 0**;** 7. 2 + cos2 x - 3 cos x = 0; 8. 2cos2x + 5sinx – 4 = 0**;** 9. tg 2 2x – 9 tg 2x + 8 = 0**;** 10. (sinx + 1)(ctg**(-2**x**)**–) = 0. |
| **Вариант 3.**   1. sinx = 1; 2. 2ctg3x = 0; 3. 2sinx = 1; 4. 2cos (2x – 6π) = 5. cos22x = 3; 6. sin2x– 1= 0 7. 2cos2x -5cosx – 3 = 0; 8. 4 – cos2x = 4 sin x. 9. 6 tg 2 3x – 5 tg 3x – 1 = 0 10. (1 – sin 2x)(3сtgx + ) = 0 | **Вариант 4.**   1. cosx = -1; **2**. 3tg2x = 0 2. 2cosx = 3. 2sin (2x – 4π) = 4. sin4x = 1 5. cos2x –1= 0 6. 3 + cos2 x - 4 cos x = 0; 7. 2cos2x - 5sinx +1 = 0 8. tg 2 2x – 8 tg 2x + 7 = 0 9. (cos x + 1)(3ctg2x+) = 0 |