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 Класс: 6

Проверочная работа по теме «Решение уравнений»

<u>Вариант 1</u>	<u>Вариант 2</u>
1. $5x + 4 = x + 12$ 2. $13 - 5y = 8 - 2y$ 3. $5x + (3x - 7) = 9$ 4. $3y - (5 - y) = 11$ 5. $(7a + 1) - (6a + 3) = 5$ 6. $(8s + 11) - 13 = 9s - 5$ 7. $(5x - 3) + (7x - 4) = 8 - (15 - 11x)$ 8. $(7 - 5k) - (8 - 4k) + (5k + 6) = 8$ 9. $2x + 5 = 2(x + 1) + 11$ 10. $15(v + 2) - 30 = 15v$ 11. $5(3x + 1,2) + x = 6,8$ 12. $0,4b + 3 = 0,2(3b + 1) - b$ 13. $6(x - 1) = 9,4 - 1,7x$ 14. $3,5 - 9a = 2(0,5a - 4)$ 15. $3(2,4 - 1,1m) = 2,7m + 3,2$ 16. $3(x - 1) = 2(2 - x) + 6$ 17. $4(3 - h) - 11 = 7(2h - 5)$ 18. $-3(3y + 4) + 4(2y - 1) = 0$ 19. $0,3(5x - 7) = 3(0,2x + 3,2)$ 20. $4(1,2b + 3,7) - 2,8 = 5,2b$ 21. $0,9(4y - 2) = 0,5(3y - 4) + 4,4$ 22. $4(0,2x - 7) - 5(0,3x + 6) = 5$	1. $8x - 5 = x - 40$ 2. $9 + 13y = 35 + 26y$ 3. $6s + (3s - 2) = 14$ 4. $8y - (7y - 142) = 51$ 5. $(6x + 1) - (3 - 2x) = 14$ 6. $(6 - 2c) + 4 = -5c - 3$ 7. $(10x - 3) + (14x - 4) = 8 - (15 - 22x)$ 8. $(7 - 10k) - (8 - 8k) + (10k + 6) = -8$ 9. $6y - 20 = 2(5y - 10) - 4y$ 10. $6(1 + 5v) = 5(1 + 6v)$ 11. $4(x + 3,6) = 3x - 1,4$ 12. $3,4 - 0,6b = 2b - (0,4b + 1)$ 13. $-3(y + 2,5) = 6,9 - 4,2y$ 14. $0,5y + 7 = 5(0,2 + 1,5y)$ 15. $4(x - 0,8) = 3,8x - 5,8$ 16. $4(1 - 0,5a) = -2(3 + 2a)$ 17. $2(h - 3) = 3(4 - h) + 5$ 18. $3x + 2(2x - 3) = 8 - 7(x + 2)$ 19. $0,7(5z - 3) = 5(0,1 + 0,5z)$ 20. $4(3 - 2x) + 24 = 2(3 + 2x)$ 21. $0,2(5y - 2) = 0,3(2y - 1) - 0,9$ 22. $3(0,4x + 7) - 4(0,8x - 3) = 2$
<u>Вариант 3</u>	<u>Вариант 4</u>
1. $1,3p - 11 = 0,8p + 5$ 2. $0,71x - 13 = 10 - 0,29x$ 3. $8c + 0,73 = 4,61 - 8c$ 4. $13 - (5x + 11) = 6x$ 5. $2 = (3x - 5) - (7 - 4x)$ 6. $8x + 5 = 119 + (7 - 3x)$ 7. $(4y + 3) - (10y + 11) = 7 + (13 - 4y)$ 8. $(3 - 2x) + (4 - 3x) + (5 - 5x) = 12 + 7x$ 9. $3y - (y - 19) = 2y$ 10. $3y + (y - 2) = 2(2y - 1)$ 11. $13 - 4,5a = 2(3,7 - 0,5a)$ 12. $0,8x - (0,7x + 0,36) = 7,1$ 13. $7(x - 8,2) = 3x + 19$	1. $0,3p - 5 = 6 - 0,7p$ 2. $9c + 2,65 = 36,85 - 9c$ 3. $5 = -1 - (3 - 9x)$ 4. $-9 - (8x - 11) = 12$ 5. $12 = (7x - 9) - (11 - x)$ 6. $11x + 103 = 1 + (12x - 31)$ 7. $(2x + 3) - (5x + 11) = 7 + (13 - 2x)$ 8. $(2x + 3) + (3x + 4) + (5x + 5) = 12 - 7x$ 9. $6x = 1 - (4 - 6x)$ 10. $6y - (y - 4) = 4 + 5y$ 11. $5,6 - 7y = -4(2y - 0,9) + 2,4$ 12. $x - 0,5 = 2(0,3x - 0,2)$ 13. $3(2,5 - 2x) = 13,5 - 14x$

$$14. 0,2(5x - 6) + 2x = 0,8$$

$$15. -(7y + 0,6) = 3,6 - y$$

$$16. 5(x + 2) = 4(3 - x) + 7$$

$$17. -3(5 - 2x) + 4x = 5(x - 3) + 27$$

$$18. 0,4(6x - 7) = 0,5(3x + 7)$$

$$19. 7(1,4y + 1,8) - 27,6 = 10,1y$$

$$20. 3(5 - x) + 13 = 4(3x - 8)$$

$$21. 0,7(6y - 5) = 0,4(y - 3) - 1,16$$

$$22. -7(0,3x - 8) + 3(0,4x + 5) = 8$$

$$14. 0,6y - 1,5 = 0,3(y - 4)$$

$$15. 0,5(4 - 2a) = a - 1,8$$

$$16. 7(3 + x) = 2(x - 5) + 8$$

$$17. -0,2(5 - 0,7x) + 0,02 = 1,4(x - 1,6)$$

$$18. 1,2(3b + 5) = 2(2,4b - 3,6)$$

$$19. 3,2(5x - 1) = 3,6x - 9,4$$

$$20. 8(0,7x - 4) - 2(0,2x - 3) = -39$$

$$21. -3(2,1z - 4) - 4,2 = 1,2(-5z + 0,5)$$

$$22. 6,4(2 - 3y) = 6(0,8y - 1) + 6,8$$

Отвѣты

ягубов.рф

Вариант 1 $5x + 4 = x + 12$ $13 - 5y = 8 - 2y$ $5x + (3x - 7) = 9$ $3y - (5 - y) = 11$ $(7a + 1) - (6a + 3) = 5$ $(8s + 11) - 13 = 9s - 5$ $(5x - 3) + (7x - 4) = 8 - (15 - 11x)$ $(7 - 5k) - (8 - 4k) + (5k + 6) = 8$ $2x + 5 = 2(x + 1) + 11$ $15(v + 2) - 30 = 15v$ $5(3x + 1,2) + x = 6,8$ $0,4b + 3 = 0,2(3b + 1) - b$ $6(x - 1) = 9,4 - 1,7x$ $3,5 - 9a = 2(0,5a - 4)$ $3(2,4 - 1,1m) = 2,7m + 3,2$ $3(x - 1) = 2(2 - x) + 6$ $4(3 - h) - 11 = 7(2h - 5)$ $-3(3y + 4) + 4(2y - 1) = 0$ $0,3(5x - 7) = 3(0,2x + 3,2)$ $4(1,2b + 3,7) - 2,8 = 5,2b$ $0,9(4y - 2) = 0,5(3y - 4) + 4,4$ $4(0,2x - 7) - 5(0,3x + 6) = 5$	$x = 2$ $y = 1\frac{2}{3} - 1\frac{2}{3}$ $x = 2$ $y = 4$ $a = 7$ $s = 3$ $x = 0$ $k = \frac{3}{4} - \frac{3}{4}$ $x \in \emptyset$ $\forall v \forall v$ $x = 0,05$ $b = -3,5$ $x = 2$ $a = 1,15$ $m = \frac{2}{3} - \frac{2}{3}$ $x = 2,6$ $h = 2$ $y = -16$ $x = 1,3$ $b = 30$ $y = 2$ $x = -90$	Вариант 2 $8x - 5 = x - 40$ $9 + 13y = 35 + 26y$ $6s + (3s - 2) = 14$ $8y - (7y - 142) = 51$ $(6x + 1) - (3 - 2x) = 14$ $(6 - 2c) + 4 = -5c - 3$ $(10x - 3) + (14x - 4) = 8 - (15 - 22x)$ $(7 - 10k) - (8 - 8k) + (10k + 6) = -8$ $6y - 20 = 2(5y - 10) - 4y$ $6(1 + 5v) = 5(1 + 6v)$ $4(x + 3,6) = 3x - 1,4$ $3,4 - 0,6b = 2b - (0,4b + 1)$ $-3(y + 2,5) = 6,9 - 4,2y$ $0,5y + 7 = 5(0,2 + 1,5y)$ $4(x - 0,8) = 3,8x - 5,8$ $4(1 - 0,5a) = -2(3 + 2a)$ $2(h - 3) = 3(4 - h) + 5$ $3x + 2(2x - 3) = 8 - 7(x + 2)$ $0,7(5z - 3) = 5(0,1 + 0,5z)$ $4(3 - 2x) + 24 = 2(3 + 2x)$ $0,2(5y - 2) = 0,3(2y - 1) - 0,9$ $3(0,4x + 7) - 4(0,8x - 3) = 2$	$x = -5$ $y = -2$ $s = 1\frac{7}{9}$ $y = -91$ $x = 2$ $c = -4\frac{1}{3}$ $x = 0$ $k = -1\frac{5}{8}$ $\forall y \forall y$ $v \in \emptyset$ $x = -15,8$ $b = 2$ $y = 12$ $y = \frac{66}{77}$ $x = -13$ $a = -5$ $h = 4,6$ $x = 0$ $z = 2,6$ $x = 2,5$ $y = -2$ $x = -6,05$
Вариант 3 $1,3p - 11 = 0,8p + 5$ $0,71x - 13 = 10 - 0,29x$ $8c + 0,73 = 4,61 - 8c$ $13 - (5x + 11) = 6x$ $2 = (3x - 5) - (7 - 4x)$ $8x + 5 = 119 + (7 - 3x)$ $(4y + 3) - (10y + 11) = 7 + (13 - 4y)$ $(3 - 2x) + (4 - 3x) + (5 - 5x) = 12 + 7x$ $3y - (y - 19) = 2y$ $3y + (y - 2) = 2(2y - 1)$ $13 - 4,5a = 2(3,7 - 0,5a)$ $0,8x - (0,7x + 0,36) = 7,1$ $7(x - 8,2) = 3x + 19$ $0,2(5x - 6) + 2x = 0,8$ $-(7y + 0,6) = 3,6 - y$ $5(x + 2) = 4(3 - x) + 7$ $-3(5 - 2x) + 4x = 5(x - 3) +$	$p = 32$ $x = 23$ $y = 0,2425$ $x = \frac{2}{11} - \frac{2}{11}$ $x = 2$ $x = 11$ $y = -14$ $x = 0$ $y \in \emptyset \in \emptyset$ $\forall y \forall y$ $a = 1,6$ $x = 74,6$ $x = 19,1$	Вариант 4 $0,3p - 5 = 6 - 0,7p$ $9c + 2,65 = 36,85 - 9c$ $5 = -1 - (3 - 9x)$ $-9 - (8x - 11) = 12$ $12 = (7x - 9) - (11 - x)$ $11x + 103 = 1 + (12x - 31)$ $(2x + 3) - (5x + 11) = 7 + (13 - 2x)$ $(2x + 3) + (3x + 4) + (5x + 5) = 12 - 7x$ $6x = 1 - (4 - 6x)$ $6y - (y - 4) = 4 + 5y$ $5,6 - 7y = -4(2y - 0,9) + 2,4$ $x - 0,5 = 2(0,3x - 0,2)$ $3(2,5 - 2x) = 13,5 - 14x$ $0,6y - 1,5 = 0,3(y - 4)$ $0,5(4 - 2a) = a - 1,8$ $7(3 + x) = 2(x - 5) + 8$ $-0,2(5 - 0,7x) + 0,02 =$	$p = 11$ $c = 1,9$ $x = 1$ $x = -1,25$ $x = 4$ $x = 133$ $x = -28$ $x = 0$ $x \in \emptyset \in \emptyset$ $\forall y \forall y$ $y = 0,4$ $x = -0,25$ $x = 0,75$ $y = 1$ $a = 1,9$ $x = -4,6$

27		14.x = $\frac{22}{33}$	1,4(x-1,6)	17.x = 1
18.	$0,4(6x - 7) = 0,5(3x + 7)$		18. $1,2(3b + 5) = 2(2,4b - 3,6)$	18.b = 11
19.	$7(1,4y + 1,8) - 27,6 = 10,1y$	15.y = -	19. $3,2(5x - 1) = 3,6x - 9,4$	19.x = -
20.	$3(5 - x) + 13 = 4(3x - 8)$	0,7	20. $8(0,7x - 4) - 2(0,2x - 3) = -$	0,5
21.	$0,7(6y - 5) = 0,4(y - 3) -$	16.x = 1	39	20.x = -
1,16		17.x = 5,4	21. $-3(2,1z - 4) - 4,2 = 1,2(-5z +$	2,5
22.	$-7(0,3x - 8) + 3(0,4x + 5)$	18.x = 7	0,5)	21.z = 24
= 8		19.y = 50	22. $6,4(2 - 3y) = 6(0,8y - 1) + 6,8$	22.x = 0,5
		20.x = 4		
		21.y = 0,3		
		22.x = 70		