

Bestimmen Sie den Wert von y .

1) $-9y+4-7 = 3+8y-57$

2) $7y+3\cdot 8 = 2y+(4\cdot 9)+3$

3) $-(3y\cdot 9)\cdot 7 = -2y\cdot 5-1253$

4) $(2y-3\cdot 3) = -(8+9y-8)+68$

5) $8-(9-3y) = -6+8+4y-11$

6) $4y-8\cdot 8 = 9y+(8\cdot 8)-148$

7) $(4y\cdot 5) = -3+4\cdot 5y+3$

Antworten

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Bestimmen Sie den Wert von y .

$$1) -9y+4-7 = 3+8y-57$$
$$-30 = -30$$

$$2) 7y+3\cdot 8 = 2y+(4\cdot 9)+3$$
$$45 = 45$$

$$3) -(3y\cdot 9)\cdot 7 = -2y\cdot 5-1253$$
$$-1323 = -1323$$

$$4) (2y-3\cdot 3) = -(8+9y-8)+68$$
$$5 = 5$$

$$5) 8-(9-3y) = -6+8+4y-11$$
$$23 = 23$$

$$6) 4y-8\cdot 8 = 9y+(8\cdot 8)-148$$
$$-48 = -48$$

$$7) (4y\cdot 5) = -3+4\cdot 5y+3$$
$$160 = 160$$

Antworten1. 32. 33. 74. 75. 86. 47. 8

Bestimmen Sie den Wert von y .

1) $(4+7\cdot 3y) = 5y\cdot 8+5-134$

2) $6y\cdot 3 = (5\cdot 5y)-4-17$

3) $-4\cdot 2y\cdot 7 = -(2-7y\cdot 6)-586$

4) $6-3y = 8+(6y+4)-78$

5) $(2y+9) = 6\cdot 8y-8-351$

6) $(4y+7+7) = -(2+5y)+52$

7) $9y(2+8) = 7+2y-8+617$

Antworten

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Bestimmen Sie den Wert von y.

$$1) (4+7 \cdot 3y) = 5y \cdot 8+5-134$$
$$151 = 151$$

$$2) 6y \cdot 3 = (5 \cdot 5y)-4-17$$
$$54 = 54$$

$$3) -4 \cdot 2y \cdot 7 = -(2-7y \cdot 6)-586$$
$$-336 = -336$$

$$4) 6-3y = 8+(6y+4)-78$$
$$-18 = -18$$

$$5) (2y+9) = 6 \cdot 8y-8-351$$
$$25 = 25$$

$$6) (4y+7+7) = -(2+5y)+52$$
$$30 = 30$$

$$7) 9y(2+8) = 7+2y-8+617$$
$$630 = 630$$

Antworten1. 72. 33. 64. 85. 86. 47. 7

Bestimmen Sie den Wert von y .

1) $(8-2y) = -5+2y\cdot 3-11$

2) $(6y-5) = -8y+9+42$

3) $9+(9\cdot 3y) = (2\cdot 8+6y)+35$

4) $-5y-4 = 6y+4-52$

5) $5+2y-6 = 4y\cdot 8-4-267$

6) $(7\cdot 2y) = (4\cdot 6y)-60$

7) $7+4y = 5+9y+3-16$

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Bestimmen Sie den Wert von y.

$$1) (8-2y) = -5+2y \cdot 3-11$$
$$2 = 2$$

$$2) (6y-5) = -8y+9+42$$
$$19 = 19$$

$$3) 9+(9 \cdot 3y) = (2 \cdot 8+6y)+35$$
$$63 = 63$$

$$4) -5y-4 = 6y+4-52$$
$$-24 = -24$$

$$5) 5+2y-6 = 4y \cdot 8-4-267$$
$$17 = 17$$

$$6) (7 \cdot 2y) = (4 \cdot 6y)-60$$
$$84 = 84$$

$$7) 7+4y = 5+9y+3-16$$
$$19 = 19$$

Antworten1. 32. 43. 24. 45. 96. 67. 3

Bestimmen Sie den Wert von y .

1) $-2 \cdot 6 - 3y = 6y - 5 - 4 - 30$

2) $(7y - 4) = (4 - 2y) + 46$

3) $-3 \cdot 2 - 6y = 8 \cdot (5 \cdot 6y) - 1974$

4) $(4y + 4) = 6y - 8 + 4$

5) $3 + 2 - 6y = (9y - 9) - 106$

6) $(5 \cdot 4y) = (9 + 4y) + 23$

7) $9 + 3y = (3y + 7) + 2$

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Bestimmen Sie den Wert von y .

$$1) -2 \cdot 6 - 3y = 6y - 5 - 4 - 30$$
$$-21 = -21$$

$$2) (7y - 4) = (4 - 2y) + 46$$
$$38 = 38$$

$$3) -3 \cdot 2 - 6y = 8 \cdot (5 \cdot 6y) - 1974$$
$$-54 = -54$$

$$4) (4y + 4) = 6y - 8 + 4$$
$$20 = 20$$

$$5) 3 + 2 - 6y = (9y - 9) - 106$$
$$-43 = -43$$

$$6) (5 \cdot 4y) = (9 + 4y) + 23$$
$$40 = 40$$

$$7) 9 + 3y = (3y + 7) + 2$$
$$15 = 15$$

Antworten1. 32. 63. 84. 45. 86. 27. 2



Bestimmen Sie den Wert von y .

1) $(2y+7) = 5y \cdot 7 - 158$

2) $(3y-4) = -(2y \cdot 7) + 115$

3) $9 - (5 - 7y) = 3 - 3y - 5 + 66$

4) $(4y+4) = -4 - (4y \cdot 8) + 116$

5) $3 - (6y - 3) = 2 \cdot 5y + 4 - 30$

6) $4y \cdot 8 = 7 + (7 \cdot 6y) - 57$

7) $-(3+8y) = 6 + (4 \cdot 9y) - 405$

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Bestimmen Sie den Wert von y .

$$1) (2y+7) = 5y \cdot 7 - 158$$
$$17 = 17$$

$$2) (3y-4) = -(2y \cdot 7) + 115$$
$$17 = 17$$

$$3) 9 - (5 - 7y) = 3 - 3y - 5 + 66$$
$$46 = 46$$

$$4) (4y+4) = -4 - (4y \cdot 8) + 116$$
$$16 = 16$$

$$5) 3 - (6y - 3) = 2 \cdot 5y + 4 - 30$$
$$-6 = -6$$

$$6) 4y \cdot 8 = 7 + (7 \cdot 6y) - 57$$
$$160 = 160$$

$$7) -(3+8y) = 6 + (4 \cdot 9y) - 405$$
$$-75 = -75$$

Antworten1. 52. 73. 64. 35. 26. 57. 9



Bestimmen Sie den Wert von y .

1) $2+2-8y = 9y+3\cdot5-45$

2) $-(7\cdot6y) = -7+4\cdot5y-551$

3) $8y\cdot9\cdot4 = 8y\cdot5+9+735$

4) $6-9y = (4+6y-9)-94$

5) $(3y+3) = 7-3y+8$

6) $-2+(9y\cdot7) = (4\cdot8y)+246$

7) $(3y\cdot3) = 7\cdot4y\cdot3-675$

Antworten

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Bestimmen Sie den Wert von y.

$$1) \quad 2+2-8y = 9y+3\cdot 5-45$$
$$-12 = -12$$

$$2) \quad -(7\cdot 6y) = -7+4\cdot 5y-551$$
$$-378 = -378$$

$$3) \quad 8y\cdot 9\cdot 4 = 8y\cdot 5+9+735$$
$$864 = 864$$

$$4) \quad 6-9y = (4+6y-9)-94$$
$$-57 = -57$$

$$5) \quad (3y+3) = 7-3y+8$$
$$9 = 9$$

$$6) \quad -2+(9y\cdot 7) = (4\cdot 8y)+246$$
$$502 = 502$$

$$7) \quad (3y\cdot 3) = 7\cdot 4y\cdot 3-675$$
$$81 = 81$$

Antworten1. 22. 93. 34. 75. 26. 87. 9

Bestimmen Sie den Wert von y .

1) $6y - 9 = -9 + (6 - 8y) + 106$

2) $(2y \cdot 4) = 8 + 6y - 6 + 10$

3) $7y + 3 + 6 = -8 + (9 + 6y) + 13$

4) $-(5 + 4y) = (3 - 8y) - 9 + 21$

5) $6y + 2 \cdot 2 = -(9 + 5y) + 46$

6) $(3 \cdot 7y) = 2 \cdot (6y + 7) + 22$

7) $-2 - 6 - 6y = 5 + 5y - 8 - 27$

Antworten

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Bestimmen Sie den Wert von y.

$$1) \quad 6y - 9 = -9 + (6 - 8y) + 106$$
$$39 = 39$$

$$2) \quad (2y \cdot 4) = 8 + 6y - 6 + 10$$
$$48 = 48$$

$$3) \quad 7y + 3 + 6 = -8 + (9 + 6y) + 13$$
$$44 = 44$$

$$4) \quad -(5 + 4y) = (3 - 8y) - 9 + 21$$
$$-25 = -25$$

$$5) \quad 6y + 2 \cdot 2 = -(9 + 5y) + 46$$
$$22 = 22$$

$$6) \quad (3 \cdot 7y) = 2 \cdot (6y + 7) + 22$$
$$84 = 84$$

$$7) \quad -2 - 6 - 6y = 5 + 5y - 8 - 27$$
$$-20 = -20$$

Antworten1. 82. 63. 54. 55. 36. 47. 2

Bestimmen Sie den Wert von y .

1) $-9 + 8y \cdot 9 = -(5 - 7y) + 321$

2) $8 \cdot 5y = 8y + 4 + 124$

3) $(2 - 3y - 6) = -(2 - 3) \cdot 4y - 18$

4) $2 + 3 - 7y = (2 \cdot 5y) - 63$

5) $(3 - 9y) = -3 + 4y - 111$

6) $(5y \cdot 8) = -6y \cdot 4 + 576$

7) $3y + 9 = 2 - 7y + 67$

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Bestimmen Sie den Wert von y.

$$1) -9 + 8y \cdot 9 = -(5 - 7y) + 321$$
$$351 = 351$$

$$2) 8 \cdot 5y = 8y + 4 + 124$$
$$160 = 160$$

$$3) (2 - 3y - 6) = -(2 - 3) \cdot 4y - 18$$
$$-10 = -10$$

$$4) 2 + 3 - 7y = (2 \cdot 5y) - 63$$
$$-23 = -23$$

$$5) (3 - 9y) = -3 + 4y - 111$$
$$-78 = -78$$

$$6) (5y \cdot 8) = -6y \cdot 4 + 576$$
$$360 = 360$$

$$7) 3y + 9 = 2 - 7y + 67$$
$$27 = 27$$

Antworten1. 52. 43. 24. 45. 96. 97. 6

Bestimmen Sie den Wert von y .

1) $-(9-6-3y) = 4 \cdot (3-9y) + 258$

2) $-7+(7y+6) = (9y-2)-11$

3) $-3y+7 = -(6 \cdot 9y)+211$

4) $-7+4y-5 = 5+8y-53$

5) $(4-9y) = -(7y \cdot 5)+160$

6) $-(4+6y) = 4y+6-40$

7) $-8y \cdot 7 = -(6y-6)-256$

Antworten

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Bestimmen Sie den Wert von y .

$$1) -(9-6-3y) = 4 \cdot (3-9y) + 258$$
$$18 = 18$$

$$2) -7 + (7y + 6) = (9y - 2) - 11$$
$$41 = 41$$

$$3) -3y + 7 = -(6 \cdot 9y) + 211$$
$$-5 = -5$$

$$4) -7 + 4y - 5 = 5 + 8y - 53$$
$$24 = 24$$

$$5) (4 - 9y) = -(7y \cdot 5) + 160$$
$$-50 = -50$$

$$6) -(4 + 6y) = 4y + 6 - 40$$
$$-22 = -22$$

$$7) -8y \cdot 7 = -(6y - 6) - 256$$
$$-280 = -280$$

Antworten1. 72. 63. 44. 95. 66. 37. 5

Bestimmen Sie den Wert von y .

1) $5y+6 = -(6y+8)+80$

2) $5 \cdot 9y = -7+4y+2+292$

3) $7-9y = (8y+7)+7-75$

4) $7+(7y \cdot 6) = 5y \cdot 3+223$

5) $-7-7y \cdot 8 = -(7y-3)-206$

6) $(7 \cdot 7 \cdot 7y) = 9y-4-7+2015$

7) $-(5y \cdot 3) = 5 \cdot 6+5y-130$

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Bestimmen Sie den Wert von y.

$$1) \quad 5y+6 = -(6y+8)+80$$
$$36 = 36$$

$$2) \quad 5 \cdot 9y = -7+4y+2+292$$
$$315 = 315$$

$$3) \quad 7-9y = (8y+7)+7-75$$
$$-29 = -29$$

$$4) \quad 7+(7y \cdot 6) = 5y \cdot 3+223$$
$$343 = 343$$

$$5) \quad -7-7y \cdot 8 = -(7y-3)-206$$
$$-231 = -231$$

$$6) \quad (7 \cdot 7 \cdot 7y) = 9y-4-7+2015$$
$$2058 = 2058$$

$$7) \quad -(5y \cdot 3) = 5 \cdot 6+5y-130$$
$$-75 = -75$$

Antworten1. 62. 73. 44. 85. 46. 67. 5