



Identify the value of y .

1) $(7-6y) = 3y \times 4 - 47$

2) $-(8y+4) = 5 \times 7y - 133$

3) $7y+4 \times 8 = 8-5y+132$

4) $7+4y = 7-5y+54$

5) $9-(7-5y) = (5-3y \times 5)+77$

6) $-7y-4 = 4y \times (8-6)-64$

7) $-3 \times 4y = (4+5y)-72$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____



Identify the value of y.

$$1) (7-6y) = 3y \times 4 - 47$$
$$-11 = -11$$

$$2) -(8y+4) = 5 \times 7y - 133$$
$$-28 = -28$$

$$3) 7y+4 \times 8 = 8-5y+132$$
$$95 = 95$$

$$4) 7+4y = 7-5y+54$$
$$31 = 31$$

$$5) 9-(7-5y) = (5-3y \times 5)+77$$
$$22 = 22$$

$$6) -7y-4 = 4y \times (8-6)-64$$
$$-32 = -32$$

$$7) -3 \times 4y = (4+5y)-72$$
$$-48 = -48$$

Answers1. 32. 33. 94. 65. 46. 47. 4



Identify the value of y .

1) $-4y - 3 = 5 - 3y + 6 - 19$

2) $(3y + 5) = -4 - 8y + 9 + 77$

3) $-2y \times 7 = 4y \times (5 \times 5) - 798$

4) $4y - 4 \times 8 = 9y + 5 \times 8 - 117$

5) $7 + 5y - 7 = 4 - 8y + 113$

6) $5 + (4y \times 5) = 5 + 4y + 48$

7) $-8 \times 4y \times 2 = (6 + 5y) - 420$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____



Identify the value of y.

$$1) -4y - 3 = 5 - 3y + 6 - 19$$
$$-23 = -23$$

$$2) (3y + 5) = -4 - 8y + 9 + 77$$
$$26 = 26$$

$$3) -2y \times 7 = 4y \times (5 \times 5) - 798$$
$$-98 = -98$$

$$4) 4y - 4 \times 8 = 9y + 5 \times 8 - 117$$
$$4 = 4$$

$$5) 7 + 5y - 7 = 4 - 8y + 113$$
$$45 = 45$$

$$6) 5 + (4y \times 5) = 5 + 4y + 48$$
$$65 = 65$$

$$7) -8 \times 4y \times 2 = (6 + 5y) - 420$$
$$-384 = -384$$

Answers1. 52. 73. 74. 95. 96. 37. 6



Identify the value of y .

1) $(6y \times 2) = -5 \times 6y - 6 + 174$

2) $4(2 - 4y) = 5y + 6 - 40$

3) $-4 + 7y + 7 = (6y - 6) + 17$

4) $8 - 7y = 4 \times 7y - 62$

5) $(5y + 6) = (2y \times 2) + 11$

6) $2 - 6y - 8 = -3 \times 9y + 162$

7) $6y - 8 = -7 + (5 - 8y) + 120$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____



Identify the value of y.

$$1) (6y \times 2) = -5 \times 6y - 6 + 174$$
$$48 = 48$$

$$2) 4(2 - 4y) = 5y + 6 - 40$$
$$-24 = -24$$

$$3) -4 + 7y + 7 = (6y - 6) + 17$$
$$59 = 59$$

$$4) 8 - 7y = 4 \times 7y - 62$$
$$-6 = -6$$

$$5) (5y + 6) = (2y \times 2) + 11$$
$$31 = 31$$

$$6) 2 - 6y - 8 = -3 \times 9y + 162$$
$$-54 = -54$$

$$7) 6y - 8 = -7 + (5 - 8y) + 120$$
$$46 = 46$$

Answers1. 42. 23. 84. 25. 56. 87. 9



Identify the value of y .

1) $8 \times 5y \times 7 = 2y + 4 + 2498$

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

3) $(7 - 2y + 2) = (8 + 5y + 4) - 31$

4) $-8 + 3 \times 9y = 8 - 9 - 7y + 299$

5) $-5 - 2 \times 2y = -2 \times 8y + 67$

6) $-7(8 - 3y) = 4 + 2y - 6 + 60$

7) $(8 + 7y) = -(9y + 9 - 3) + 126$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____



Identify the value of y.

$$1) \quad 8 \times 5y \times 7 = 2y + 4 + 2498$$
$$2520 = 2520$$

$$2) \quad -(7y - 9) = 2 \times (9 - 5y) - 3$$
$$-5 = -5$$

$$3) \quad (7 - 2y + 2) = (8 + 5y + 4) - 31$$
$$1 = 1$$

$$4) \quad -8 + 3 \times 9y = 8 - 9 - 7y + 299$$
$$235 = 235$$

$$5) \quad -5 - 2 \times 2y = -2 \times 8y + 67$$
$$-29 = -29$$

$$6) \quad -7(8 - 3y) = 4 + 2y - 6 + 60$$
$$70 = 70$$

$$7) \quad (8 + 7y) = -(9y + 9 - 3) + 126$$
$$57 = 57$$

Answers1. 92. 23. 44. 95. 66. 67. 7



Identify the value of y.

1) $8+5y = (8y-6)-7$

2) $9-(3y-9) = (5\times 7y)-172$

3) $-(4y-6) = 9+6y-33$

4) $(4-9y) = 9+3-2y-36$

5) $-(5y\times 4) = -(2y\times 9)-18$

6) $2y+(3\times 6) = 3\times 4y\times 5-98$

7) $3y\times 7 = -(3+8y)+235$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____



Identify the value of y.

$$1) 8+5y = (8y-6)-7$$
$$43 = 43$$

$$2) 9-(3y-9) = (5 \times 7y)-172$$
$$3 = 3$$

$$3) -(4y-6) = 9+6y-33$$
$$-6 = -6$$

$$4) (4-9y) = 9+3-2y-36$$
$$-32 = -32$$

$$5) -(5y \times 4) = -(2y \times 9)-18$$
$$-180 = -180$$

$$6) 2y+(3 \times 6) = 3 \times 4y \times 5-98$$
$$22 = 22$$

$$7) 3y \times 7 = -(3+8y)+235$$
$$168 = 168$$

Answers1. 72. 53. 34. 45. 96. 27. 8



Identify the value of y .

1) $-9y - 9 = 6y \times (9 \times 5) - 846$

2) $-(9y - 4) = 7 \times 3 + 8y - 119$

3) $-7y - 5 - 6 = 7y \times 2 + 6 - 143$

4) $7 + 2y = (7 \times 8y) - 263$

5) $6y + 8 - 5 = -5 \times 6 - 3y + 96$

6) $(8 + 2y) = 3 - 9 - 7y + 95$

7) $3y - (7 \times 2) = 4 - 6y + 0$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____



Identify the value of y.

$$1) -9y - 9 = 6y \times (9 \times 5) - 846$$
$$-36 = -36$$

$$2) -(9y - 4) = 7 \times 3 + 8y - 119$$
$$-50 = -50$$

$$3) -7y - 5 - 6 = 7y \times 2 + 6 - 143$$
$$-53 = -53$$

$$4) 7 + 2y = (7 \times 8y) - 263$$
$$17 = 17$$

$$5) 6y + 8 - 5 = -5 \times 6 - 3y + 96$$
$$45 = 45$$

$$6) (8 + 2y) = 3 - 9 - 7y + 95$$
$$26 = 26$$

$$7) 3y - (7 \times 2) = 4 - 6y + 0$$
$$-8 = -8$$

Answers1. 32. 63. 64. 55. 76. 97. 2



Identify the value of y .

1) $(6 \times 7y) = -(4 \times 5y) - 8 + 380$

2) $4y + 5 - 8 = (7y + 9) - 21$

3) $(4 + 6y) = (6y + 4 \times 6) - 20$

4) $8y \times 2 = 7y + 4 + 77$

5) $8 - 8y = -9 \times 4y + 8 + 252$

6) $(2y \times 8 - 5) = -(5 - 4y) + 24$

7) $3y \times 6 = -2 - 8 - 9y + 91$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____



Identify the value of y.

$$1) (6 \times 7y) = -(4 \times 5y) - 8 + 380$$
$$252 = 252$$

$$2) 4y + 5 - 8 = (7y + 9) - 21$$
$$9 = 9$$

$$3) (4 + 6y) = (6y + 4 \times 6) - 20$$
$$46 = 46$$

$$4) 8y \times 2 = 7y + 4 + 77$$
$$144 = 144$$

$$5) 8 - 8y = -9 \times 4y + 8 + 252$$
$$-64 = -64$$

$$6) (2y \times 8 - 5) = -(5 - 4y) + 24$$
$$27 = 27$$

$$7) 3y \times 6 = -2 - 8 - 9y + 91$$
$$54 = 54$$

Answers1. 62. 33. 74. 95. 96. 27. 3



Identify the value of y .

1) $(9y-3) = (5+9y)-8$

2) $6(9+3y) = -(7\times 3y)+249$

3) $(3y\times 5) = -(3y-3)+51$

4) $5-(4y-4) = (2\times 6+7y)-25$

5) $5\times 9-4y = -9+6y+4$

6) $2y-2\times 9 = -9\times 3y+5+64$

7) $-(5y+2)-4 = (2-7\times 9y)+282$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____



Identify the value of y.

$$1) (9y-3) = (5+9y)-8$$
$$33 = 33$$

$$2) 6(9+3y) = -(7 \times 3y) + 249$$
$$144 = 144$$

$$3) (3y \times 5) = -(3y-3) + 51$$
$$45 = 45$$

$$4) 5-(4y-4) = (2 \times 6 + 7y) - 25$$
$$1 = 1$$

$$5) 5 \times 9 - 4y = -9 + 6y + 4$$
$$25 = 25$$

$$6) 2y - 2 \times 9 = -9 \times 3y + 5 + 64$$
$$-12 = -12$$

$$7) -(5y+2)-4 = (2-7 \times 9y) + 282$$
$$-31 = -31$$

Answers1. 42. 53. 34. 25. 56. 37. 5



Identify the value of y .

1) $-7y+9+5 = (3-3y)-25$

2) $-(2y+5) = -(3\times 2y)\times 7+115$

3) $-4(8y\times 8) = 4y-9-1291$

4) $-(7\times 4y) = 6\times 8y\times 9-920$

5) $9-9y\times 2 = -6y\times 8+219$

6) $4\times 7+7y = 9+7+9y+0$

7) $-5(3+7y) = -(8y+4)-146$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____



Identify the value of y.

$$\begin{aligned} 1) \quad -7y+9+5 &= (3-3y)-25 \\ -49 &= -49 \end{aligned}$$

$$\begin{aligned} 2) \quad -(2y+5) &= -(3 \times 2y) \times 7 + 115 \\ -11 &= -11 \end{aligned}$$

$$\begin{aligned} 3) \quad -4(8y \times 8) &= 4y-9-1291 \\ -1280 &= -1280 \end{aligned}$$

$$\begin{aligned} 4) \quad -(7 \times 4y) &= 6 \times 8y \times 9 - 920 \\ -56 &= -56 \end{aligned}$$

$$\begin{aligned} 5) \quad 9-9y \times 2 &= -6y \times 8 + 219 \\ -117 &= -117 \end{aligned}$$

$$\begin{aligned} 6) \quad 4 \times 7 + 7y &= 9 + 7 + 9y + 0 \\ 70 &= 70 \end{aligned}$$

$$\begin{aligned} 7) \quad -5(3+7y) &= -(8y+4)-146 \\ -190 &= -190 \end{aligned}$$

Answers1. 92. 33. 54. 25. 76. 67. 5



Identify the value of y .

1) $5(4y-3) = (9+6y)+46$

2) $-(3y-9) = 7y-8-3$

3) $6-3y+9 = -8y-6+9+57$

4) $(7 \times 7) \times 5y = 5 \times 5y + 1320$

5) $3y \times 5 + 2 = 4 + (9y \times 3) - 50$

6) $-(2 \times 5y) = 7 - 3y - 3 - 67$

7) $(8+8y) = -3y+5-7+87$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____



Identify the value of y.

$$1) \quad 5(4y-3) = (9+6y)+46$$
$$85 = 85$$

$$2) \quad -(3y-9) = 7y-8-3$$
$$3 = 3$$

$$3) \quad 6-3y+9 = -8y-6+9+57$$
$$-12 = -12$$

$$4) \quad (7 \times 7) \times 5y = 5 \times 5y + 1320$$
$$1470 = 1470$$

$$5) \quad 3y \times 5 + 2 = 4 + (9y \times 3) - 50$$
$$62 = 62$$

$$6) \quad -(2 \times 5y) = 7 - 3y - 3 - 67$$
$$-90 = -90$$

$$7) \quad (8+8y) = -3y+5-7+87$$
$$64 = 64$$

Answers1. 52. 23. 94. 65. 46. 97. 7