

Fill in the blanks**(1)** Solve the equations to find the value of the variables

A) $-4(-2b + 3) + 4(-3b + 3) - 3(-5b + 1) = 30$; $b =$

B) $-1(-a - 1) + 1(-3a + 1) - 4(-3a + 2) - 3(-4a - 4) = -104$; $a =$

C) $-5(3z - 4) - 2(-4z + 1) = -17$; $z =$

D) $-4(3x - 3) + 3(-3x - 1) - 2(x - 4) = 63$; $x =$

E) $-3(-2x - 2) - 4(-x + 1) - 5(2x + 4) = -18$; $x =$

(2) Solve the equations to find the value of the variables

A) $3(-5b - 4) + 3(-2b - 5) + 4(-3b + 2) = -52$; $b =$

B) $-5(b - 4) + 1(-3b + 4) = -16$; $b =$

(3) Solve the equations to find the value of the variables

A) $-3(3b - 4) - 4(3b + 5) - 3(b - 1) = -101$; $b =$

B) $5(-z + 2) + 2(z - 3) - 2(-2z + 2) = 0$; $z =$

(4) Solve the equations to find the value of the variables

A) $-1(3x + 5) + 4(-2x + 5) - 5(-3x + 5) + 1(2x - 1) = 1$; $x =$

B) $-1(-4a + 3) + 1(-3a - 4) = -9$; $a =$

(5) Solve the equations to find the value of the variables

A) $4(5z + 3) - 5(3z + 5) = 7$; $z =$

B) $-4(a + 4) - 1(-2a - 4) + 4(-2a - 5) - 4(4a + 3) = 60$; $a =$

(6) Solve the equations to find the value of the variables

A) $-3(4a - 3) - 3(a - 2) - 3(3a - 4) + 4(-2a + 3) = -89$; $a =$

B) $-3(3z + 5) - 2(3z - 5) = 70$; $z =$

(7) Solve the equations to find the value of the variables

A) $-4(2y + 4) - 5(-5y + 5) = 10$; $y =$

B) $-3(-4b + 5) + 4(-5b - 2) = 1$; $b =$

(8) Solve the equations to find the value of the variables

A) $-5(3y + 1) - 1(4y - 2) = -79$; $y =$

B) $-3(-5a + 4) - 5(5a - 3) + 2(-3a + 4) - 1(5a - 1) = 33$; $a =$

(9) Solve the equations to find the value of the variables

A) $-1(-2b + 4) + 5(-5b - 3) = -19$; $b =$

B) $4(-4b + 2) + 2(4b + 5) + 1(-2b + 4) - 1(5b + 5) = 32$; $b =$

(10) Solve the equations to find the value of the variables

A) $-1(4a - 5) - 4(3a + 1) = -63$; $a =$

B) $4(-a + 4) + 5(5a - 5) + 5(-4a + 2) - 3(-3a - 2) = 17$; $a =$

(11) Solve the equations to find the value of the variables

A) $1(-4y - 1) - 5(-5y - 1) - 5(2y - 1) - 4(-2y - 5) = 67$; $y =$

B) $-4(5b - 1) - 3(3b - 1) - 1(2b - 5) + 5(-4b + 3) = -228$; $b =$



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Answers

(1) A) 3

B) -5

C) 5

D) -2

E) -2

(2) A) 1

B) 5

(3) A) 4

B) 0

(4) A) 2

B) -2

(5) A) 4

B) -4

(6) A) 4

B) -5

(7) A) 3

B) -3

(8) A) 4

B) -1

(9) A) 0

B) -1

(10) A) 4

B) 1

(11) A) 2

B) 5