

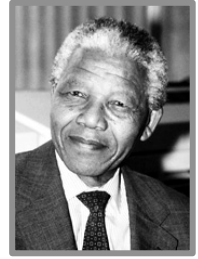


# PERSON PUZZLE SOLVING SYSTEMS WITH ELIMINATION

NAME \_\_\_\_\_ DATE \_\_\_\_\_

## NELSON MANDELA

An activist and politician, Nelson Mandela (1918 - 2013) is known by many as the most significant black leader in South Africa. Serving as president, his focus was to demolish the legacy of apartheid, cut poverty, and diminish inequality. He has received international attention for his anti-colonial stance, under which black African rights were overlooked and white supremacy was the rule.



**DIRECTIONS:** Solve each system of equation by elimination. The word or phrase next to the equivalent solution will complete the statement correctly.

1.  $-2x - 2y = -12$   
 $2x + 8y = -24$

Nelson Mandela was born in \_\_\_\_\_, a village in the Eastern Cape of South Africa.

- a. (5, -4) Mbashe
- b. (12, -6) Mvezo
- c. (6, -8) Tambo

2.  $x - y = 11$   
 $2x + y = 4$

Mandela attended Fort Hare University and The University of Witwatersrand to study \_\_\_\_\_.

- a. (5, -6) law
- b. (-3, -14) political science
- c. (9, -2) sociology

3.  $-8x - y = 16$   
 $3x - y = 5$

He was best known for his work in \_\_\_\_\_, specifically his stance against the apartheid.

- a. (1, 8) medicine
- b. (3, 4) the military
- c. (-1, -8) politics

4.  $6x - 6y = -6$   
 $6x - 3y = 12$

He led \_\_\_\_\_ campaigns against government targets, which led to serving 27 years in prison.

- a. (-3, 1) attack
- b. (7, -8) protest
- c. (5, 6) sabotage

5.  $5x + y = 9$   
 $-10x + 7y = 18$

Mandela was the co-founder of the African National \_\_\_\_\_, a left-wing political party.

- a. (1, 4) Congress
- b. (-6, 39) Representatives
- c. (0, 9) Republic

6.  $3x - 6y = 9$   
 $9x - 18y = 7$

In the first \_\_\_\_\_ election, Mandela was elected president with 62% of the vote in 1994.

- a. (3, 0) democratic
- b. no solution multi-racial
- c. (6, 3) popular vote

7.  $3x - 2y = 2$   
 $5x - 5y = 10$

Early in his presidency, free \_\_\_\_\_ was given to all children under 6 years of age.

- a. (0, -2) education
- b. (-2, -4) health care
- c. (6, 8) meals

8.  $5x + 4y = -14$   
 $-3x - 6y = -6$

In 1993, he won the \_\_\_\_\_, among 250 other awards within four decades.

- a. (2, -6) Freedom Medal
- b. (-6, 4) Nobel Peace Prize
- c. (-4, -3) Time, Person of the Year



# SHOW YOUR WORK



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 $2x + 8y = -24$

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3.  $-8x - y = 16$   
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**NELSON  
MANDELA**

5.  $5x + y = 9$   
 $-10x + 7y = 18$

6.  $3x - 6y = 9$   
 $9x - 18y = 7$

7.  $3x - 2y = 2$   
 $5x - 5y = 10$

8.  $5x + 4y = -14$   
 $-3x - 6y = -6$