

#1

Caleb is playing Zombie Saloon and in a single round he kills 5 zombelets (mini zombies), and 3 zomblers (monster zombies). Caleb gets a total score of 25 in the first round. In the second round Caleb receives 18 points in total for killing 4 zombelets and 2 zomblers. Find out how many points zombelets and zomblers are worth each. Write a system of equations to describe the situation below, solve using elimination.

Zombelets are worth  points  
and zomblers are worth  points.

Show your work

#2

## Choose the best answer

Madison is playing Zombie Saloon and in a single round she kills 5 zombelets (mini zombies), and 5 zomblers (monster zombies). Madison gets a total score of 45 in the first round. In the second round Madison receives 27 points in total for killing 3 zombelets and 3 zomblers. Find out how many points zombelets and zomblers are worth each. Write a system of equations to describe the situation below, solve using elimination.

- |   |   |
|---|---|
| <input type="radio"/> Zombelets: 5<br>Zomblers: 4 | <input type="radio"/> Zombelets: 7<br>Zomblers: 3 |
| <input type="radio"/> Zombelets: 2<br>Zomblers: 7 | <input type="radio"/> Zombelets: 8<br>Zomblers: 2 |

Show your work

#3

## Choose the best answer

Madison pays for a total of 28 kilowatts of power for a month of running 4 televisions and 5 refrigerators. The next month she uses a total of 16 kilowatts for 2 televisions and 3 refrigerators. How many kilowatts a month do televisions and refrigerators use? Write a system of equations to describe the situation below, solve using elimination.

- |  |  |
|--|--|
| <input type="radio"/> Televisions 5 kW,<br>Refrigerators 6 kW. | <input type="radio"/> Televisions 4 kW,<br>Refrigerators 3 kW. |
| <input type="radio"/> Televisions 2 kW,<br>Refrigerators 4 kW. | <input type="radio"/> Televisions 3 kW,<br>Refrigerators 7 kW. |

Show your work

#4

## Choose the best answer

In a fantastical sport that Joshua plays, he can get 5 short shots and 4 long shots for a total of 37 points. In another games he gets a total of 24 points with 3 short shots and 3 long shots. How much is each type of shot worth? Write a system of equations to describe the situation below and solve using elimination.

- |   |   |
|---|---|
| <input type="radio"/> Long shots: 3<br>Short shots: 5 | <input type="radio"/> Long shots: 6<br>Short shots: 7 |
| <input type="radio"/> Long shots: 2<br>Short shots: 6 | <input type="radio"/> Long shots: 4<br>Short shots: 3 |

Show your work

#5

Joshua went to the store to buy socks. He bought 2 sport socks and 3 warm socks for \$16. Next time he went to the same store he bought 4 sport socks and 2 warm socks for a total of \$16. Using the data he has, find out how much each type of sock costs. Write a system of equations to describe the situation below and solve using elimination.

Sport socks cost \$   
while warm socks cost \$ .

Show your work

#6

Write a system of equations to describe the situation below and solve using elimination. Over the last two months Mia has been keeping track of how many cuts and colors she has done at the salon. The first month she did 5 cuts and 4 colors and made \$30. The following month she made \$14 by doing 2 cuts and 2 colors. How much does a cut and a color cost at Mia's salon?

Mia charge \$  for haircut  
and \$  for a coloring.

Show your work

#7

Kaylee went to the store to buy socks. She bought 4 sport socks and 4 warm socks for \$36. Next time she went to the same store she bought 3 sport socks and 3 warm socks for a total of \$27. Using the data she has, find out how much each type of sock costs. Write a system of equations to describe the situation below and solve using elimination.

Sport socks cost \$   
while warm socks cost \$ .

Show your work

#8

## Choose the best answer

Matilda pays a total of \$31 for 4 away flights and 3 return flights. The next year she pays \$37 for 3 return flights and 5 away flights. How much does an away flight cost, and how much does a return flight cost? Write a system of equations to describe the situation below, solve using elimination.

- |  |  |
|--|--|
| <input type="radio"/> \$7 per away flight,<br>\$6 per return flight. | <input type="radio"/> \$6 per away flight,<br>\$4 per return flight. |
| <input type="radio"/> \$4 per away flight,<br>\$5 per return flight. | <input type="radio"/> \$5 per away flight,<br>\$3 per return flight. |

Show your work

#9

Matthew went to the store to buy socks. He bought 5 sport socks and 4 warm socks for \$31. Next time he went to the same store he bought 2 sport socks and 2 warm socks for a total of \$14. Using the data he has, find out how much each type of sock costs. Write a system of equations to describe the situation below and solve using elimination.

Sport socks cost \$   
while warm socks cost \$ .

Show your work

#10

Benjamin pays a total of \$22 for 2 away flights and 3 return flights. The next year he pays \$35 for 3 return flights and 5 away flights. How much does an away flight cost, and how much does a return flight cost? Write a system of equations to describe the situation below, solve using elimination.

An away flight costs \$ ,  
while a return flight costs \$ .

Show your work

#11

Joshua went to the store to buy socks. He bought 2 sport socks and 3 warm socks for \$16. Next time he went to the same store he bought 4 sport socks and 2 warm socks for a total of \$16. Using the data he has, find out how much each type of sock costs. Write a system of equations to describe the situation below and solve using elimination.

Sport socks cost \$ ,  
while warm socks cost \$ .

Show your work

#12

Lauren pays a total of \$23 for 5 away flights and 4 return flights. The next year she pays \$16 for 4 return flights and 2 away flights. How much does an away flight cost, and how much does a return flight cost? Write a system of equations to describe the situation below, solve using elimination.

An away flight costs \$ ,  
while a return flight costs \$ .

Show your work

Question	Answer
#1	2, 5
#2	choice 1
#3	choice 3
#4	choice 1
#5	2, 4
#6	2, 5
#7	4, 5
#8	choice 3
#9	3, 4
#10	5, 4
#11	2, 4
#12	3, 2