

Systems of Equations Word Problems

 Solve each word problem.



- 1) At a store, Eva bought **5** shirts and **5** hats for **\$45**. Nicole bought **7** same shirts and **6** same hats for **\$59**. What is the price of each shirt?

- 2) A theater is selling tickets for a performance. Mr. Smith purchased **5** senior tickets and **7** child tickets for **\$58** for his friends and family. Mr. Jackson purchased **7** senior tickets and **6** child tickets for **\$66**. What is the price of a senior ticket?

- 3) Emma and Sepehr are selling Chocolate Chip cookies and Oreo cookies Emma sold **6** boxes of Chocolate Chip cookies and **3** boxes of Oreo cookies for a total of **\$48**. Sepehr sold **2** boxes of Chocolate Chip cookies and **2** boxes of Oreo cookies for a total of **\$22**. Find the cost of one box of Chocolate Chip cookies.

- 4) Emma and Sepehr are selling Chocolate Chip cookies and Oreo cookies Emma sold **2** boxes of Chocolate Chip cookies and **6** boxes of Oreo cookies for a total of **\$44**. Sepehr sold **3** boxes of Chocolate Chip cookies and **2** boxes of Oreo cookies for a total of **\$24**. Find the cost of one box of Chocolate Chip cookies.

- 5) Tickets to a movie cost **\$5** for adults and **\$4** for students. A group of friends purchased **12** tickets for **\$54**. How many adults ticket did they buy?

- 6) Tickets to a movie cost **\$2** for adults and **\$2** for students. A group of friends purchased **10** tickets for **\$20**. How many adults ticket did they buy?

- 7) At a store, Eva bought **3** shirts and **2** hats for **\$20**. Nicole bought **7** same shirts and **2** same hats for **\$36**. What is the price of each shirt?

- 8) A theater is selling tickets for a performance. Mr. Smith purchased **5** senior tickets and **6** child tickets for **\$50** for his friends and family. Mr. Jackson purchased **3** senior tickets and **5** child tickets for **\$37**. What is the price of a senior ticket?

Answers of Systems of Equations Word Problems



Solve each word problem.

- 1) At a store, Eva bought **5** shirts and **5** hats for **\$45**. Nicole bought **7** same shirts and **6** same hats for **\$59**. What is the price of each shirt? **\$5**

- 2) A theater is selling tickets for a performance. Mr. Smith purchased **5** senior tickets and **7** child tickets for **\$58** for his friends and family. Mr. Jackson purchased **7** senior tickets and **6** child tickets for **\$66**. What is the price of a senior ticket? **\$6**

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- 8) A theater is selling tickets for a performance. Mr. Smith purchased **5** senior tickets and **6** child tickets for **\$50** for his friends and family. Mr. Jackson purchased **3** senior tickets and **5** child tickets for **\$37**. What is the price of a senior ticket? **\$4**