

#1

Choose the best answer

In the winter, a travel agent sells 64 vacations to Mexico and 8 vacations to France. In the summer, the travel agent sells 70 vacations to Mexico and 10 vacations to France. In which season was the ratio of vacations to Mexico to vacations to France the highest?

- ☐ Summer ☐ Neither; the ratios are equivalent ☐ Winter

Show your work

#2

Choose the best answer

On Saturday, a coffee shop sells 16 cups of coffee and 2 cups of tea. On Sunday, the coffee shop sells 48 cups of coffee and 6 cups of tea. On which day was the ratio of coffee sales to tea sales the highest?

- ☐ Saturday ☐ Sunday ☐ Neither; the ratios are equivalent

Show your work

#3

Choose the best answer

Happy Cupcake Company sells 63 cupcakes and Tasty Cupcake Company sells 9 cupcakes in the morning. In the afternoon, Happy Cupcake Company sells 30 cupcakes and Tasty Cupcake Company sells 10 cupcakes. Which time of day was the ratio of Happy Cupcake sales to Tasty Cupcake sales the highest?

- ☐ Afternoon ☐ Neither; the ratios are equivalent ☐ Morning

Show your work

#4

Choose the best answer

Joshua plays soccer and hockey. In March he scored 36 soccer goals and 4 hockey goals. In April, he scored 30 soccer goals and 3 hockey goals. In which month was Joshua's ratio of soccer goals to hockey goals the highest?

- ☐ April ☐ March ☐ Neither; the ratios are equivalent

Show your work

#5

Choose the best answer

Kayla plays soccer and hockey. In March she scored 64 soccer goals and 8 hockey goals. In April, she scored 60 soccer goals and 6 hockey goals. In which month was Kayla's ratio of soccer goals to hockey goals the highest?

- ☐ March ☐ Neither; the ratios are equivalent ☐ April

Show your work

#6

Choose the best answer

Olivia and her friend Austin both want to read the same two books. One is a fiction book and the other is a non-fiction book. It takes Olivia 32 hours to finish the fiction book, and it takes Austin 8 hours to finish the same book. It then takes Olivia 40 hours to finish the non-fiction book, and it takes Austin 4 hours. For which book was the ratio of Olivia's reading time to Austin's reading time the highest?

- ☐ Non-fiction book ☐ Neither; the ratios are equivalent ☐ Fiction book

Show your work

#7

Choose the best answer

Andrew and his friend Angela both want to read the same two books. One is a fiction book and the other is a non-fiction book. It takes Andrew 50 hours to finish the fiction book, and it takes Angela 10 hours to finish the same book. It then takes Andrew 14 hours to finish the non-fiction book, and it takes Angela 7 hours. For which book was the ratio of Andrew's reading time to Angela's reading time the highest?

- ☐ Neither; the ratios are equivalent ☐ Fiction book ☐ Non-fiction book

Show your work

#8

Choose the best answer

Gabriel and Alexander are playing games for tickets at the arcade. At the first machine, Gabriel wins 27 tickets and Alexander wins 9 tickets. At the second machine, Gabriel wins 60 tickets and Alexander wins 10 tickets. At which machine was the ratio of Gabriel's tickets won to Alexander's tickets won the highest?

- ☐ Second Machine ☐ Neither; the ratios are equivalent ☐ First Machine

Show your work

#9

Choose the best answer

Owen and Addison are playing games for tickets at the arcade. At the first machine, Owen wins 63 tickets and Addison wins 7 tickets. At the second machine, Owen wins 4 tickets and Addison wins 2 tickets. At which machine was the ratio of Owen's tickets won to Addison's tickets won the highest?

- ☐ First Machine ☐ Second Machine ☐ Neither; the ratios are equivalent

Show your work

#10

Choose the best answer

In the winter, a travel agent sells 20 vacations to Mexico and 4 vacations to France. In the summer, the travel agent sells 32 vacations to Mexico and 8 vacations to France. In which season was the ratio of vacations to Mexico to vacations to France the highest?

- ☐ Summer ☐ Winter ☐ Neither; the ratios are equivalent

Show your work

#11

Choose the best answer

Brianna and Lily are playing games for tickets at the arcade. At the first machine, Brianna wins 50 tickets and Lily wins 10 tickets. At the second machine, Brianna wins 72 tickets and Lily wins 9 tickets. At which machine was the ratio of Brianna's tickets won to Lily's tickets won the highest?

- ☐ Second Machine ☐ Neither; the ratios are equivalent ☐ First Machine

Show your work

#12

Choose the best answer

In the winter, a travel agent sells 32 vacations to Mexico and 8 vacations to France. In the summer, the travel agent sells 24 vacations to Mexico and 6 vacations to France. In which season was the ratio of vacations to Mexico to vacations to France the highest?

- ☐ Neither; the ratios are equivalent ☐ Summer ☐ Winter

Show your work

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