

#1

Choose the best answer

Andrew runs 32 miles the first week of training and his training partner Isabella runs 4 miles. The next week of training, Andrew runs 54 miles and Isabella runs 9 miles. Which week is the ratio of Andrew's distance run to Isabella's distance run the highest?

- Neither; the ratios are equivalent Week 1 Week 2

Show your work

#2

Choose the best answer

In July, Dylan's guitar store sold 14 acoustic guitars and 2 electric guitars. In August, they sold 36 acoustic guitars and 9 electric guitars. During which month did the guitar store sell a higher ratio of acoustic guitars to electric guitars?

- August July Neither; the ratios are equivalent

Show your work

#3

Choose the best answer

Kaitlyn plays soccer and hockey. In March she scored 20 soccer goals and 4 hockey goals. In April, she scored 60 soccer goals and 6 hockey goals. In which month was Kaitlyn's ratio of soccer goals to hockey goals the highest?

- Neither; the ratios are equivalent April March

Show your work

#4

Choose the best answer

An ice cream store sold 70 vanilla ice cream cones and 10 chocolate ice cream cones on Monday. On Tuesday, the ice cream store sells 30 vanilla ice cream cones and 3 chocolate ice cream cones. On which day was the ratio of vanilla ice cream cones sold to chocolate ice cream cones sold higher?

- Neither; the ratios are equivalent Tuesday Monday

Show your work

#5

Choose the best answer

On Saturday, a coffee shop sells 80 cups of coffee and 8 cups of tea. On Sunday, the coffee shop sells 36 cups of coffee and 4 cups of tea. On which day was the ratio of coffee sales to tea sales the highest?

- Sunday Saturday Neither; the ratios are equivalent

Show your work

#6

Choose the best answer

On Saturday, a coffee shop sells 48 cups of coffee and 6 cups of tea. On Sunday, the coffee shop sells 8 cups of coffee and 4 cups of tea. On which day was the ratio of coffee sales to tea sales the highest?

- Sunday Neither; the ratios are equivalent Saturday

Show your work

#7

Choose the best answer

Lauren runs 20 miles the first week of training and her training partner Dahlia runs 2 miles. The next week of training, Lauren runs 48 miles and Dahlia runs 6 miles. Which week is the ratio of Lauren's distance run to Dahlia's distance run the highest?

- Week 2 Week 1 Neither; the ratios are equivalent

Show your work

#8

Choose the best answer

Alyssa and Caden are playing games for tickets at the arcade. At the first machine, Alyssa wins 24 tickets and Caden wins 8 tickets. At the second machine, Alyssa wins 90 tickets and Caden wins 9 tickets. At which machine was the ratio of Alyssa's tickets won to Caden's tickets won the highest?

- Neither; the ratios are equivalent First Machine Second Machine

Show your work

#9

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

#10

Choose the best answer

In the winter, a travel agent sells 35 vacations to Mexico and 7 vacations to France. In the summer, the travel agent sells 10 vacations to Mexico and 2 vacations to France. In which season was the ratio of vacations to Mexico to vacations to France the highest?

- Neither; the ratios are equivalent Winter Summer

Show your work

#11

Choose the best answer

William and his friend Christopher both want to read the same two books. One is a fiction book and the other is a non-fiction book. It takes William 72 hours to finish the fiction book, and it takes Christopher 8 hours to finish the same book. It then takes William 30 hours to finish the non-fiction book, and it takes Christopher 6 hours. For which book was the ratio of William's reading time to Christopher's reading time the highest?

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

Show your work

#12

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

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