

#1

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

#2

Choose the best answer

Matilda and her friend Addison both want to read the same two books. One is a fiction book and the other is a non-fiction book. It takes Matilda 30 hours to finish the fiction book, and it takes Addison 6 hours to finish the same book. It then takes Matilda 18 hours to finish the non-fiction book, and it takes Addison 3 hours. For which book was the ratio of Matilda's reading time to Addison's reading time the highest?

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

Show your work

#3

Choose the best answer

In the winter, a travel agent sells 70 vacations to Mexico and 10 vacations to France. In the summer, the travel agent sells 42 vacations to Mexico and 6 vacations to France. In which season was the ratio of vacations to Mexico to vacations to France the highest?

- Winter Neither; the ratios are equivalent Summer

Show your work

#4

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

#5

Choose the best answer

Joseph runs 20 miles the first week of training and his training partner Hailey runs 5 miles. The next week of training, Joseph runs 14 miles and Hailey runs 2 miles. Which week is the ratio of Joseph's distance run to Hailey's distance run the highest?

- Week 1 Neither; the ratios are equivalent Week 2

Show your work

#6

Choose the best answer

In July, Anthony's guitar store sold 60 acoustic guitars and 6 electric guitars. In August, they sold 12 acoustic guitars and 4 electric guitars. During which month did the guitar store sell a higher ratio of acoustic guitars to electric guitars?

- July August Neither; the ratios are equivalent

Show your work

#7

Choose the best answer

Owen and Avery are playing games for tickets at the arcade. At the first machine, Owen wins 30 tickets and Avery wins 10 tickets. At the second machine, Owen wins 20 tickets and Avery wins 4 tickets. At which machine was the ratio of Owen's tickets won to Avery's tickets won the highest?

- Neither; the ratios are equivalent Second Machine First Machine

Show your work

#8

Choose the best answer

An ice cream store sold 15 vanilla ice cream cones and 3 chocolate ice cream cones on Monday. On Tuesday, the ice cream store sells 28 vanilla ice cream cones and 7 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

#9

Choose the best answer

Darren and his friend Makayla both want to read the same two books. One is a fiction book and the other is a non-fiction book. It takes Darren 60 hours to finish the fiction book, and it takes Makayla 10 hours to finish the same book. It then takes Darren 18 hours to finish the non-fiction book, and it takes Makayla 6 hours. For which book was the ratio of Darren's reading time to Makayla's reading time the highest?

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

Show your work

#10

Choose the best answer

A teacher asks a grade three class their favorite color. 10 students like the color orange and 2 students like the color purple. The teacher then asks a grade four class about their favorite colors. 30 students like the color orange and 10 students like the color purple. In which class is the ratio of students that like orange to the students the like purple the highest?

- Grade Four Grade Three Neither; the ratios are equivalent

Show your work

#11

Choose the best answer

Ava plays soccer and hockey. In March she scored 63 soccer goals and 9 hockey goals. In April, she scored 12 soccer goals and 3 hockey goals. In which month was Ava's ratio of soccer goals to hockey goals the highest?

- March Neither; the ratios are equivalent April

Show your work

#12

Choose the best answer

William runs 100 miles the first week of training and his training partner Christopher runs 10 miles. The next week of training, William runs 35 miles and Christopher runs 7 miles. Which week is the ratio of William's distance run to Christopher's distance run the highest?

- Neither; the ratios are equivalent Week 1 Week 2

Show your work

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