

#1

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

#2

Choose the best answer

Michael and Tyler are playing games for tickets at the arcade. At the first machine, Michael wins 14 tickets and Tyler wins 2 tickets. At the second machine, Michael wins 72 tickets and Tyler wins 8 tickets. At which machine was the ratio of Michael's tickets won to Tyler's tickets won the highest?

- Second Machine First Machine Neither; the ratios are equivalent

Show your work

#3

Choose the best answer

A teacher asks a grade three class their favorite color. 36 students like the color orange and 9 students like the color purple. The teacher then asks a grade four class about their favorite colors. 25 students like the color orange and 5 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

#4

Choose the best answer

An ice cream store sold 25 vanilla ice cream cones and 5 chocolate ice cream cones on Monday. On Tuesday, the ice cream store sells 12 vanilla ice cream cones and 6 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

Lauren and Tyler are playing games for tickets at the arcade. At the first machine, Lauren wins 100 tickets and Tyler wins 10 tickets. At the second machine, Lauren wins 18 tickets and Tyler wins 3 tickets. At which machine was the ratio of Lauren's tickets won to Tyler's tickets won the highest?

- First Machine Neither; the ratios are equivalent Second Machine

Show your work

#6

Choose the best answer

Kaylee and her friend Daniel both want to read the same two books. One is a fiction book and the other is a non-fiction book. It takes Kaylee 6 hours to finish the fiction book, and it takes Daniel 3 hours to finish the same book. It then takes Kaylee 54 hours to finish the non-fiction book, and it takes Daniel 6 hours. For which book was the ratio of Kaylee's reading time to Daniel's reading time the highest?

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

Show your work

#7

Choose the best answer

In July, Diana's guitar store sold 20 acoustic guitars and 2 electric guitars. In August, they sold 24 acoustic guitars and 4 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

#8

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 28 vacations to Mexico and 4 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

#9

Choose the best answer

Happy Cupcake Company sells 4 cupcakes and Tasty Cupcake Company sells 2 cupcakes in the morning. In the afternoon, Happy Cupcake Company sells 54 cupcakes and Tasty Cupcake Company sells 9 cupcakes. Which time of day was the ratio of Happy Cupcake sales to Tasty Cupcake sales the highest?

- Neither; the ratios are equivalent Afternoon Morning

Show your work

#10

Choose the best answer

Happy Cupcake Company sells 100 cupcakes and Tasty Cupcake Company sells 10 cupcakes in the morning. In the afternoon, Happy Cupcake Company sells 30 cupcakes and Tasty Cupcake Company sells 3 cupcakes. Which time of day was the ratio of Happy Cupcake sales to Tasty Cupcake sales the highest?

- Morning Neither; the ratios are equivalent Afternoon

Show your work

#11

Choose the best answer

Happy Cupcake Company sells 16 cupcakes and Tasty Cupcake Company sells 4 cupcakes in the morning. In the afternoon, Happy Cupcake Company sells 6 cupcakes and Tasty Cupcake Company sells 2 cupcakes. Which time of day was the ratio of Happy Cupcake sales to Tasty Cupcake sales the highest?

- Afternoon Morning Neither; the ratios are equivalent

Show your work

#12

Choose the best answer

An ice cream store sold 18 vanilla ice cream cones and 9 chocolate ice cream cones on Monday. On Tuesday, the ice cream store sells 35 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?

- Tuesday Neither; the ratios are equivalent Monday

Show your work

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