

#1

Choose the best answer

An ice cream store sold 10 vanilla ice cream cones and 5 chocolate ice cream cones on Monday. On Tuesday, the ice cream store sells 70 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 ☐ Monday ☐ Tuesday

Show your work

#2

Choose the best answer

In the winter, a travel agent sells 21 vacations to Mexico and 7 vacations to France. In the summer, the travel agent sells 45 vacations to Mexico and 5 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

#3

Choose the best answer

On Saturday, a coffee shop sells 24 cups of coffee and 3 cups of tea. On Sunday, the coffee shop sells 27 cups of coffee and 9 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

#4

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 32 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 ☐ Winter ☐ Neither; the ratios are equivalent

Show your work

#5

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

#6

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

#7

Choose the best answer

Kayla plays soccer and hockey. In March she scored 72 soccer goals and 8 hockey goals. In April, she scored 16 soccer goals and 4 hockey goals. In which month was Kayla's ratio of soccer goals to hockey goals the highest?

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

Show your work

#8

Choose the best answer

Kayla and Andrew are playing games for tickets at the arcade. At the first machine, Kayla wins 81 tickets and Andrew wins 9 tickets. At the second machine, Kayla wins 8 tickets and Andrew wins 2 tickets. At which machine was the ratio of Kayla's tickets won to Andrew's tickets won the highest?

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

Show your work

#9

Choose the best answer

Hannah runs 60 miles the first week of training and her training partner Andrew runs 10 miles. The next week of training, Hannah runs 45 miles and Andrew runs 9 miles. Which week is the ratio of Hannah's distance run to Andrew's distance run the highest?

- ☐ Week 2 ☐ Week 1 ☐ Neither; the ratios are equivalent

Show your work

#10

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

#11

Choose the best answer

Happy Cupcake Company sells 10 cupcakes and Tasty Cupcake Company sells 2 cupcakes in the morning. In the afternoon, Happy Cupcake Company sells 12 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?

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

Show your work

#12

Choose the best answer

In the winter, a travel agent sells 20 vacations to Mexico and 5 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

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