

#1

Choose the best answer

A teacher asks a grade three class their favorite color. 30 students like the color orange and 10 students like the color purple. The teacher then asks a grade four class about their favorite colors. 80 students like the color orange and 8 students like the color purple. In which class is the ratio of students that like orange to the students the like purple the highest?

- Neither, the ratios are equivalent Grade Three Grade Four

Show your work

#2

Choose the best answer

A teacher asks a grade three class their favorite color. 36 students like the color orange and 6 students like the color purple. The teacher then asks a grade four class about their favorite colors. 70 students like the color orange and 7 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 Neither, the ratios are equivalent Grade Three

Show your work

#3

Choose the best answer

Happy Cupcake Company sells 49 cupcakes and Tasty Cupcake Company sells 7 cupcakes in the morning. In the afternoon, Happy Cupcake Company sells 50 cupcakes and Tasty Cupcake Company sells 5 cupcakes. Which time of day was the ratio of Happy Cupcake sales to Tasty Cupcake sales the highest?

- Neither, the ratios are equivalent Morning Afternoon

Show your work

#4

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

#5

Choose the best answer

A teacher asks a grade three class their favorite color. 80 students like the color orange and 8 students like the color purple. The teacher then asks a grade four class about their favorite colors. 56 students like the color orange and 7 students like the color purple. In which class is the ratio of students that like orange to the students the like purple the highest?

- Neither; the ratios are equivalent Grade Four Grade Three

Show your work

#6

Choose the best answer

Jacob runs 18 miles the first week of training and his training partner Gabriel runs 9 miles. The next week of training, Jacob runs 50 miles and Gabriel runs 5 miles. Which week is the ratio of Jacob's distance run to Gabriel's distance run the highest?

- Neither; the ratios are equivalent Week 1 Week 2

Show your work

#7

Choose the best answer

An ice cream store sold 36 vanilla ice cream cones and 4 chocolate ice cream cones on Monday. On Tuesday, the ice cream store sells 80 vanilla ice cream cones and 8 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

#8

Choose the best answer

Evan plays soccer and hockey. In March he scored 30 soccer goals and 6 hockey goals. In April, he scored 21 soccer goals and 7 hockey goals. In which month was Evan's ratio of soccer goals to hockey goals the highest?

- April March Neither; the ratios are equivalent

Show your work

#9

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

#10

Choose the best answer

Nathan plays soccer and hockey. In March he scored 28 soccer goals and 4 hockey goals. In April, he scored 40 soccer goals and 10 hockey goals. In which month was Nathan's ratio of soccer goals to hockey goals the highest?

- April March Neither; the ratios are equivalent

Show your work

#11

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 24 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

#12

Choose the best answer

An ice cream store sold 28 vanilla ice cream cones and 4 chocolate ice cream cones on Monday. On Tuesday, the ice cream store sells 100 vanilla ice cream cones and 10 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 3
#4	choice 1
#5	choice 3
#6	choice 3
#7	choice 1
#8	choice 2
#9	choice 1
#10	choice 2
#11	choice 1
#12	choice 1