

#1

## Choose the best answer

A teacher asks a grade three class their favorite color. 8 students like the color orange and 4 students like the color purple. The teacher then asks a grade four class about their favorite colors. 36 students like the color orange and 9 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

#2

## Choose the best answer

On Saturday, a coffee shop sells 18 cups of coffee and 9 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?

- ☐ Neither; the ratios are equivalent ☐ Saturday ☐ Sunday

Show your work

#3

## 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

#4

## 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

#5

## 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

#6

## Choose the best answer

Nathan runs 20 miles the first week of training and his training partner Tyler runs 5 miles. The next week of training, Nathan runs 64 miles and Tyler runs 8 miles. Which week is the ratio of Nathan's distance run to Tyler's distance run the highest?

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

Show your work

#7

## 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

#8

## Choose the best answer

On Saturday, a coffee shop sells 15 cups of coffee and 5 cups of tea. On Sunday, the coffee shop sells 28 cups of coffee and 7 cups of tea. On which day was the ratio of coffee sales to tea sales the highest?

- ☐ Neither; the ratios are equivalent ☐ Sunday ☐ Saturday

Show your work

#9

## Choose the best answer

On Saturday, a coffee shop sells 42 cups of coffee and 7 cups of tea. On Sunday, the coffee shop sells 40 cups of coffee and 10 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

#10

## Choose the best answer

Caleb plays soccer and hockey. In March he scored 18 soccer goals and 9 hockey goals. In April, he scored 56 soccer goals and 7 hockey goals. In which month was Caleb's ratio of soccer goals to hockey goals the highest?

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

Show your work

#11

## Choose the best answer

On Saturday, a coffee shop sells 16 cups of coffee and 8 cups of tea. On Sunday, the coffee shop sells 35 cups of coffee and 5 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

#12

## Choose the best answer

Emma plays soccer and hockey. In March she scored 12 soccer goals and 6 hockey goals. In April, she scored 64 soccer goals and 8 hockey goals. In which month was Emma's ratio of soccer goals to hockey goals the highest?

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

Show your work

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