#1

Choose the best answer

William and his friend Christopher both want to read the same two books. One is a fiction book and the other is a non-fiction book. It takes William 72 hours to finish the fiction book, and it takes Christopher 8 hours to finish the same book. It then takes William 30 hours to finish the non-fiction book, and it takes Christopher 6 hours. For which book was the ratio of William's reading time to Christopher's reading time the highest?

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

Show your work

#2

Choose the best answer

A teacher asks a grade three class their favorite color. 27 students like the color orange and 9 students like the color purple. The teacher then asks a grade four class about their favorite colors. 42 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 Three
- Grade Four
- Neither; the ratios are equivalent

Show your work

#3

Choose the best answer

Benjamin runs 36 miles the first week of training and his training partner Cameron runs 6 miles. The next week of training, Benjamin runs 24 miles and Cameron runs 3 miles. Which week is the ratio of Benjamin's distance run to Cameron's distance run the highest?

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

Show your work

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#4

Choose the best answer

An ice cream store sold 27 vanilla ice cream cones and 3 chocolate ice cream cones on Monday. On Tuesday, the ice cream store sells 30 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

#5

Choose the best answer

Madison and her friend Caden both want to read the same two books. One is a fiction book and the other is a non-fiction book. It takes Madison 49 hours to finish the fiction book, and it takes Caden 7 hours to finish the same book. It then takes Madison 36 hours to finish the non-fiction book, and it takes Caden 6 hours. For which book was the ratio of Madison's reading time to Caden's reading time the highest?

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

Show your work

#6

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

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#7

Choose the best answer

Connor runs 12 miles the first week of training and his training partner Maya runs 2 miles. The next week of training, Connor runs 24 miles and Maya runs 4 miles. Which week is the ratio of Connor's distance run to Maya's distance run the highest?

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

Show your work

#8

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

#9

Choose the best answer

On Saturday, a coffee shop sells 45 cups of coffee and 5 cups of tea. On Sunday, the coffee shop sells 72 cups of coffee and 9 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

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#10

Choose the best answer

On Saturday, a coffee shop sells 45 cups of coffee and 5 cups of tea. On Sunday, the coffee shop sells 12 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

#11

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

#12

Choose the best answer

Nathan and his friend Christopher both want to read the same two books. One is a fiction book and the other is a non-fiction book. It takes Nathan 8 hours to finish the fiction book, and it takes Christopher 2 hours to finish the same book. It then takes Nathan 63 hours to finish the non-fiction book, and it takes Christopher 7 hours. For which book was the ratio of Nathan's reading time to Christopher's reading time the highest?

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

Show your work

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

Math Games
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