

Student 1 name _____

With a partner you will decide who will be student 1 and who will be student 2.

Only student 1 does the work on this first page

Remember to teach your partner how you came up with each answer.

A student sees there are 5 pencils to every 3 pens on the desk. They are asked to write the ratio of pens to pencils. The student writes 5:3. Explain if a 5:3 ratio is the same as a 3:5 ratio.

You are making oobleck. One batch calls for 2 cups of cornstarch for 1 cup of water. What is the ratio of water to cornstarch for 15 batches?

The ratio of trucks to cars in a parking garage was 3:5. If there were 120 vehicles altogether, how many were trucks and how many were cars?

You go to the store to buy gum and see you can buy 12 packs of gum for \$10.28 or you can buy 10 packs for \$6.57. Which one gives you the best price?

Two athletes participate in a long jump competition. The ratios of jump length for athlete A to athlete B is 4:4. Who had the longer jump, explain your answer.

A car traveled 300 miles in 5 hours. How fast was the car traveling?

Student 2 name _____

With a partner you will decide who will be student 1 and who will be student 2.

Only student 2 does the work on this page.

A car traveled 65 miles per hour for 4 hours. How far did the car travel?

As you were watching television the ratio of minutes for the show you are watching to minutes of commercials

were 1:3. If you watched television for 160 minutes, how many minutes were you watching your show and how many minutes were you watching commercials?

A student is working on a problem in class that talks about how to make a smaller batch of bird food. They see the original ratio of cups of seed to teaspoons of syrup is 9:6. A student then says they will just take away three from each amount to get 6:3. The student argues that taking away three from each amount will be an equivalent ratio. Explain if the student is correct or incorrect.

You go to the store to buy cans of soda and see you can buy 65 ounces of soda for \$1.99 or you can buy 300 ounces for \$15. Which one gives you the best price?

The ratio of desks to chairs in a classroom is 21:21. If there were 21 desks. How many chairs were there? You are making gift bags for students in the school who have been sick. Each gift bag has five stickers and 4 small toys. What is the ratio small toys to stickers for 11 gift bags?

As you are looking at a social media feed, you see there are 6 photos for every 2 text only posts. What is the ratio of texts only posts to photos?