1. Kyanna has 4 pears, 6 apples, and 3 oranges. Draw a model to show the ratio of oranges to pears.

- **2.** There are 3 girls and 4 boys taking music lessons. Write the ratio that compares the number of boys taking music lessons to the total number of students taking music lessons.
- **3.** Camilla adds 2 cucumbers for every 5 tomatoes in a veggie mix. Draw a model to show the ratio comparing cucumbers to tomatoes.

- **4.** Write the ratio 4 to 9 in two different ways.
- Holly stops to drink 5 ounces of water every two miles she runs. The further that Holly runs, the more she drinks water. Complete the table by writing two equivalent ratios.

Ounces	5	
Distance (miles)	2	



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- 6. Nate has 5 green marbles and 3 red marbles. Select the ratios that compare the number of red marbles to the total number of marbles. Mark all that apply.
 - \bigcirc 3 to 8
 - \bigcirc 5 to 8
 - 3:8 \bigcirc
 - 5:3 \bigcirc
 - <u>5</u> 8 \bigcirc
 - $\frac{3}{8}$ Ο
- 7. Maynor rode his bike 2 miles in 8 minutes. Paul rode his bike 3 miles in 12 minutes. Did Maynor and Paul ride the same number of miles per minute? Complete the table of equivalent ratios to support your answer.

Maynor					
Distance (miles)	2				
Time (minutes)	8				

Paul					
Distance (miles)	3				
Time (minutes)	12				

8. Shenea bought 3 bottles of juice for \$12. Write the rate as a fraction. Then find the unit rate.





9. Determine whether each ratio is equivalent to $\frac{1}{2}$, $\frac{3}{9}$, or $\frac{5}{7}$. Write the ratio in the correct box.



10. Jin bought 4 markers for \$7. How many markers can he buy for \$21? Show your work.

11. Edgar said $\frac{3}{5}$ is equivalent to $\frac{18}{32}$. Check his work by making a table of equivalent ratios.

3			
5			

12. A can of vegetable soup costs \$2.88 for 12 ounces. A can of chicken soup costs \$2.25 for 9 ounces. Which can of soup costs less per ounce? Use numbers and words to explain your answer.



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13. Vicki earns \$30 for washing 6 cars. If Vicki charges the same rate, how many cars must she wash to earn \$35?

_____ cars

14. Use a unit rate to find the unknown value.



- 15. Charlie saves \$2 for every \$9 he earns. Melody saves \$4 for every \$12 she earns. Is Charlie's ratio of money saved to money earned equivalent to Melody's ratio of money saved to money earned? Explain.
- **16.** The Garcias are on their way to the beach. They are traveling at a rate of 30 miles per hour. Use the ordered pairs to graph the distance traveled over time.

Distance (miles)	30	60	90	120	150
Time (hours)	1	2	3	4	5





17. Marc enjoys running. The graph shows how far Marc ran over time. Use equivalent ratios to find how far Marc ran in 7 minutes.



_____ meters

- **18.** The corner grocery store sells apples for \$1.19 per pound. Select the stores that sell apples at a lower unit price. Mark all that apply.
 - O Store A: \$2.50 for 2 pounds
 - O Store B: \$3.48 for 3 pounds
 - O Store C: \$3.80 for 4 pounds
 - O Store D: \$5.00 for 4 pounds
- **19.** Kayden bought 9 packs of paper for \$27.

Part A

How much will he pay for 11 packs of paper? Use numbers and words to explain your answer.

Part B

Describe how to use a bar model to solve the problem.



Name _

20. Water is filling a pool at a rate of 5 gallons per minute.

Part A

Complete the table of equivalent ratios for the first five minutes of the pool filling up.

Amount of Water (gallons)	5		
Time (minutes)	1		

Part B

Hector said there will be 55 gallons of water in the pool after 11 minutes. Explain how Hector could have found his answer.

