

Name: _____

Date: _____ Per: _____

Match the ratios.

A farmer has 5 pigs, 13 chickens, and 8 cows.

- 1. cows to pigs 13:5
- 2. chickens to pigs 5:8
- 3. cows to chickens 8:5
- 4. pigs to cows 8:13

The school orchestra has 9 cellos, 14 flutes, and 17 violins.

- 5. cellos to violins 9 to 14
- 6. flutes to cellos 9 to 17
- 7. violins to flutes 17 to 14
- 8. cellos to flutes 14 to 9

Miguel has 8 pennies, 5 nickels, and 3 quarters.

- 9. nickels to pennies $\frac{3}{8}$
- 10. pennies to quarters $\frac{5}{3}$
- 11. nickels to quarters $\frac{5}{8}$
- 12. quarters to pennies $\frac{8}{3}$

A bowl has 16 grapes, 7 cherries, and 9 strawberries.

- 13. grapes to strawberries 7:16
- 14. cherries to grapes 7:9
- 15. strawberries to cherries 16:9
- 16. cherries to strawberries 9:7

A baseball team has 4 pitchers, 10 outfielders, and 12 infielders. Write each ratio in all three forms.

17. pitchers to infielders

18. infielders to outfielders

19. pitchers to outfielders

20. outfielders to entire team

21. Meg used 24 red tiles and 12 yellow tiles to make a design. Write the ratio of red tiles to yellow tiles in simplest form.

22. Tell which club has the greater ratio of girls to boys.

	Movie Club	Art Club
Girls	16	8
Boys	14	4

Ratio W.S.

A traveling theater company has 51 actors, 63 stagehands, and 27 set designers. Write each ratio in all three forms.

- 1. stagehands to set designers _____
- 2. actors to stagehands _____
- 3. set designers to actors _____
- 4. set designers to stagehands and actors _____

There are 18 monkeys, 6 gorillas, and 15 other apes in the Primate House at the zoo. Write different combinations of animals that have the following ratios.

- 5. 2:5 _____
- 6. 6:5 _____
- 7. 1:3 _____
- 8. 6:7 _____
- 9. 5:13 _____
- 10. 8:5 _____

- 11. The class library has 7 French books, 11 Spanish books, 19 art books, 3 Italian books, and 14 science books. What is the ratio of foreign language books to all books in simplest form? _____
- 12. A market research company tests new commercials. Out of 96 people, 80 people prefer Commercial A and the rest prefer Commercial B. Write the ratio in simplest form of people who prefer Commercial A to Commercial B.

13. Which grade has the greatest ratio of the number of students against wearing a uniform to the total number of students in that grade?

School Uniform Survey			
	6th Grade	7th Grade	8th Grade
For	16	9	5
Against	20	24	21
No Opinion	4	3	1