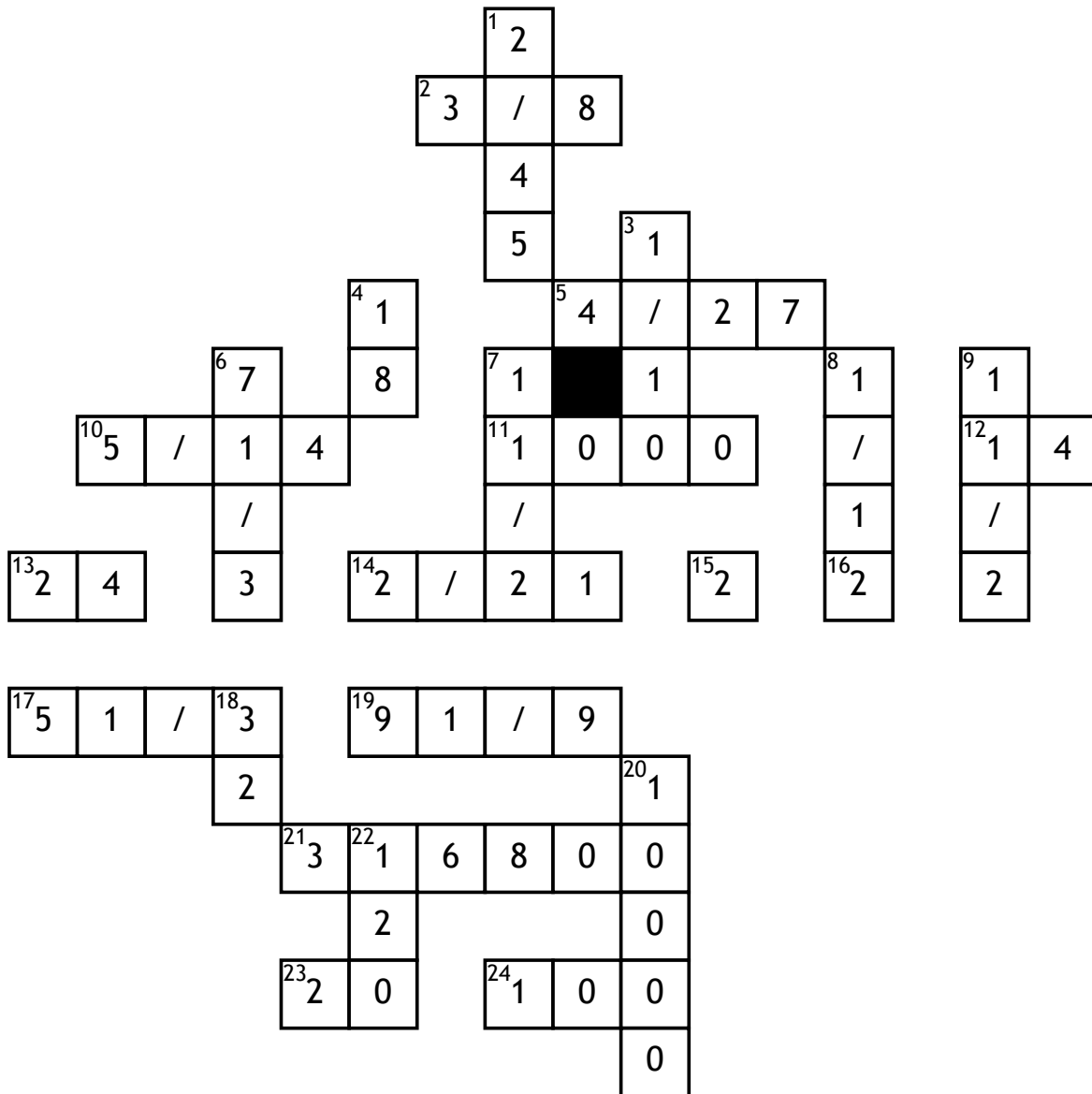


Name: _____ Date: _____

Rates, Ratios and Rate Conversions



Across

2. Simplify: $\frac{3}{4} \div 2$
 5. Simplify: $\frac{8}{9} \div 6$
 10. Simplify: $\frac{1}{4} \div \frac{7}{10}$
 11. 1 kilogram = ____ grams
 12. Simplify: $\frac{7}{1} \div \frac{1}{2}$
 13. 2 feet = ____ inches
 14. Simplify: $\frac{2}{3} \div 7$
 15. $\frac{1}{2} \div \frac{1}{4}$
 16. Simplify: $1 \div \frac{1}{2}$
 17. Simplify: $1 \frac{1}{3} \div \frac{1}{4}$
 19. Debra can run $20 \frac{1}{2}$ miles in $2 \frac{1}{4}$ hours. How many miles per hour can she run?

21. A swordfish can swim at a rate of 60 miles per hour. How many feet per hour is this?

23. Simplify: $\frac{12}{3} \div \frac{5}{5}$
 24. 1 meter = ____ centimeters

Down

1. $\frac{2}{5} \div 9$
 3. Simplify: $\frac{9}{10} \div 9$
 4. Simplify: $\frac{6}{1} \div \frac{1}{3}$
 6. $\frac{2}{3} \div 11$
 7. Simplify: $\frac{5}{6} \div \frac{5}{9}$

8. Tina wants to give away 6 bundles of thyme from her herb garden. If she has $\frac{1}{2}$ pound of thyme, how much will each bundle weigh?

9. $\frac{1}{2} \div \frac{2}{3}$

18. 8 gallons = ____ quarts

20. 5 tons = ____ pounds

22. A remote control car travels at a rate of 10 feet per second. How many inches per second is this?