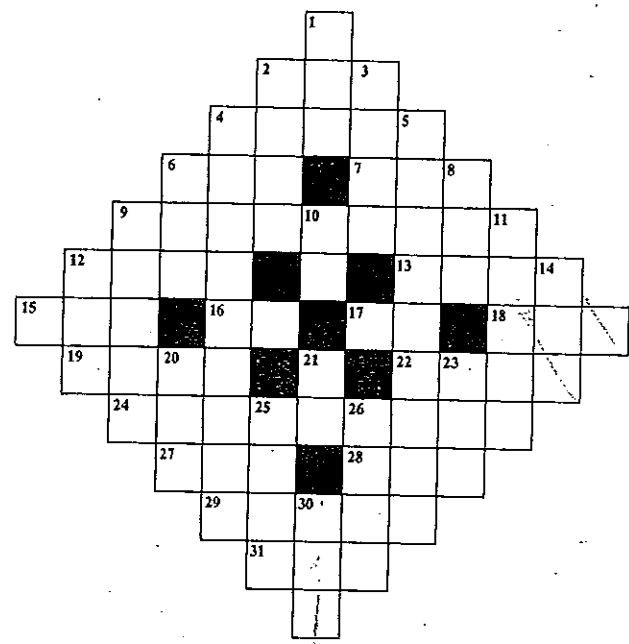NAME _____

DATE _____

PERIOD _____

PRE-ALGEBRA
PERCENT CODES PUZZLE

Across

2. The reciprocal of 0.008
4. The square of 116
6. $3^2 \times 31$
7. 80% of 1240
9. 479 cubed
12. $5 + 23 \times 81 - 344$
13. $3^5 \times 5 \times 7$
15. The result of 2% increase in a score of 800.
16. The repetend of $1 \div 11$
17. $13\frac{1}{2}$% of 370 to the nearest whole number.
18. The result of a 25% discount on a $956 price tag
19. 25% of 5096
22. Solve the proportion.

$$\frac{24\frac{3}{4}}{x} = \frac{5}{1000}$$

24. $333{,}667 \times 1656$
27. The repetend of $25 \div 111$
28. The digits of $10 \times 3 \times 13$, reversed.
29. $6(21x^4y^2 + 67)$: $x = 2, y = 5$
31. $3^5 - 40$

Down

1. What percent of 17 is 106.08?
2. The greatest prime number less than 1400
3. $58{,}716 \div 10.5$
4. $1001 \times 179{,}225$
5. The digits of 666^3 reversed
6. 178, 186, 194, __?__
8. $2^8 - 21$
9. 62,500% of 25
10. This is the percent interest with the digits reversed when $30 interest is received for a $600 deposit after 6 months.
11. 50% of what number is 45,376?
12. The reciprocal of $0.\overline{009}$
14. 49×10.4, to the nearest whole number
20. What percent of 150 is 1128?
21. The sum of the first five counting numbers
23. The first three digits of 545×175
25. 5240, 5371, __?__
26. The first prime year in the twenty-first century
30. The number of years in eight centuries