In case you forgot,

How to Convert a Percent to a Decimal

- Divide a percentage by 100 to convert from a percent to a decimal.

  Examples:

  A. 10% is $10 \div 100 = 0.1$
  B. 67.5% is $67.5 \div 100 = 0.675$

How to convert a decimal to a percentage:

- Multiply by 100

  Examples:

  A. 0.156 becomes $0.156 \times 100 = 15.6\%$
  B. 1.2 becomes $1.2 \times 100 = 1200\%$
- Note: just because you change it to a percent, you might still have a decimal in the answer (see example A)

#1-8: Convert each percent to a decimal.

1. 13%   2. 745%

3. 8%   4. 0.14%

5. 0.5%   6. 1.25%

7. 0.04%   8. 3.1415%

#9-14: Convert each decimal into a percent.

9. 0.31   10. 5.76

11. 0.3   12. 0.07

13. 2.8   14. 10.005

#15-24: Determine what the missing number would be in each patter AND describe the pattern with words. (Note: the answers for the patterns are not listed in the answer section, but you MUST describe the pattern in words.)

15. 2, 7, 12, ___, 22

16. 10, ___, 250, 1250, 6250

17. 1, 2, 4, 8, ___

18. ___, 3, 6, 10, 15

19. 4, 36, ___, 2916

20. 25, 36, ___, 56. 81

21. 193, 219, 245, ___, 297

22. ___, 5, 7, 10, 14

23. 1, 1, 2, 3, 5, 8, ___

24. 10, 15, 22.5, 33.75, ___

Answers:

0.13	576%	49	0.005	1000.5%	16	324	0.08
0.0004	50	7.45	31%	13	0.031415	4	280%
1	0.0125	17	50.625	30%	271	0.0014	7%