Study the following.

To change a decimal to a percent it is easy if the number is in hundredths.

Example: .25 = 25%

If it is a whole number and a decimal, and the decimal is hundredths it is still very easy.

Example: 3.25 = 325 hundredths = 325%

It is still just the number of hundredths.

Another example: 21.76 = 2176%

Another way to look at it is you move the decimal over to the right two spaces. You will have moved just past the hundredths digit. This changes a decimal into a percent.

Example: .25 = .25 = 25%

1.45 = 1.45 = 145%

Change to a percent by moving the decimal 2 spaces to the right (just past the digit in the hundredths place).

1. .43

2. .91

3. .82

4. .76

5. .33

6. .39

7. .88

8. .01

9. .07

10. .60

11. .80

12. .50

13. .46

14. .59

15. 7.36

16. 8.24

17. .79

18. 16.04

19. .08

20. 9.21

21. 4.30

Study the following.

If there is no digits in the tenths or hundredths place, put zeros there when you move the decimal point.

Examples: $2.3 = 2\,.\,3\,0 = 230\%$

$7 = 7\,.\,0\,0 = 700\%$

Change the following to a percent.

1. 4.6

2. 3

3. 81.2

4. 7.4

5. 8

6. 10

7. 124.3

8. 7

9. 3.3

10. 4.8

11. 2

12. 11

13. 3.9

14. 1.4

Study the following.

Decimals with digits beyond the hundredth place are done the same way.

Examples: .413 = .41 3 = 41.3%

3.8743 = 3.87 43 = 387.43%

Change to a percent by moving the decimal point two places to the right.

1. .519

2. .8435

3. 35.671

4. 4.987

5. 1.234

6. 54.335

7. .0654

8. .406

9. 2.8484

10. 21.443

11. .003

12. .505

Review

Change these decimals to percents.

1. .32
2. .19
3. .84
4. .67
5. .81
6. .4
7. .6
8. .92
9. .01
10. .09
11. 3.34
12. .85
13. .124
14. 2
15. 9.1
16. .24
17. .7439
18. 80