

Study the following.**Changing percent to a decimal.**

Percents need to be changed to a decimal or fraction before you can do any multiplication or division problems with them.

If the percent is a one or two digit number it is simple to change to a percent. Just change the number to hundredths.

Examples: $25\% = .25$
 $7\% = .07$

Change to a decimal.

1. 36% 2. 9% 3. 83%

Study the following.

For any size percent you still change the number to hundredths. You can move the decimal point two places to the left and remove the % symbol. (Remember if there is no decimal point, it is at the right of the last digit.) ($85 = 85.$) Add zeros if needed.

Examples: $25\% = \underbrace{25}_{.} \% = .25$
 $362\% = \underbrace{362}_{.} \% = 3.62$
 $.3\% = \underbrace{00.3}_{.} \% = .003$

Change to a decimal by moving the decimal point.

1. 46% 2. .4%
 3. 6.8% 4. .05%
 5. 291% 6. 35.67%
 7. 356% 8. .2%

Change to a decimal.

1. 25%
2. 17%
3. 98%
4. 50%
5. 30%
6. 200%
7. 210%
8. 421%
9. 3.4%
10. 4.7%
11. 13.5%
12. 12.43%
13. 75.42%
14. 43%
15. .4%
16. .6%
17. 432%
18. 50%
19. 49%