

Converting Decimals and Percentages Quiz

Name KEY

1) The state sales tax in Michigan is 6%. What is this number as a decimal?

move decimal TWO places to the LEFT $6. = \boxed{.06}$

2) To check a builder's calculations for a 9.5 % waste allowance, what decimal would you use?

$9.5 = \boxed{.095}$

3) 97.4% of all construction workers are men. What is this number as a decimal?

$97.4 = \boxed{.974}$

4) You see the number "0.075" on an invoice under Sales tax. What is this number as a percent?

Move decimal TWO places to the RIGHT $0.075 = \boxed{7.5\%}$

5) The overhead charge rate on a project is 0.1025. What is this number as a percent?

$0.1025 = \boxed{10.25\%}$

6) Your employer pays 0.1865 of your base pay to cover health benefits. What is this number as a percent?

$0.1865 = \boxed{18.65\%}$

Convert each decimal to a percent move Decimal Point TWO Places to the Right (same as multiplying by 100)

7) 0.125 $\boxed{12.5\%}$

9) 2 $\boxed{200\%}$

8) 0.098 $\boxed{9.8\%}$

10) 0.007 $\boxed{0.7\%}$

Convert each percent to a decimal Move Decimal Point TWO places to the LEFT (same as dividing by 100)

11) 18.5% $\boxed{0.185}$

13) 9.6% $\boxed{0.096}$

12) 0.75% $\boxed{0.0075}$

14) 100% $\boxed{1}$