Financial Planning & Money Management – **Sohel Ali**

Business Math

Introduction to Percents

Percent: represents some part of a whole (hundredths or part of 100).

Converting Percent to Decimals

Drop the percent sign and divide by 100 or move decimal over 2 places to the left

Example

35% as a decimal

35/100 = .35 or 35% = 35x

**On Your Own**

**Convert the following percents to decimals.**

1. **112% \_\_\_\_\_\_1.12\_\_\_\_\_\_**
2. **210.3% \_\_\_\_2.103\_\_\_\_\_\_\_\_**
3. **52% \_\_\_\_\_\_.52\_\_\_\_\_\_**
4. **92% \_\_\_\_\_\_\_.92\_\_\_\_\_**
5. **.0025% \_\_\_\_\_\_\_.000025\_\_\_\_\_**
6. **2 ¾% \_\_\_\_\_\_\_\_.0275\_\_\_\_**

Converting Decimals to Percents

Multiple by 100 and add the percent sign

Example

Convert 0.157 to a percent

0.157 \* 100 = 15.7% or 0x157 = 15.7%

**On Your Own**

**Convert the following decimals to percents.**

1. **0.0075 \_\_\_\_\_\_\_\_.75\_\_\_\_**
2. **0.325 \_\_\_\_\_32.5\_\_\_\_\_\_\_**
3. **0.85 \_\_\_\_\_\_\_\_85\_\_\_\_**
4. **0.4 \_\_\_40\_\_\_\_\_\_\_\_\_**
5. **0.123 \_\_\_12.3\_\_\_\_\_\_\_\_\_**
6. **0.03 \_\_\_\_3\_\_\_\_\_\_\_\_**

Converting Fractions to Percents

Example

Convert 1/5 to a percent

1 ÷ 5 = 0.20 = 20%

**On Your Own**

**Convert the following fractions to percents.**

1. **1/4 \_\_\_\_25\_\_\_\_\_\_\_\_**
2. **3/4 \_\_\_\_\_\_75\_\_\_\_\_\_**
3. **1/3 \_\_\_33.3333\_\_\_\_\_\_\_\_\_**
4. **13/100 \_\_13\_\_\_\_\_**