

## Group Activity – Mortgage! #1

You agree to purchase a \$175,000 and make a 12% down payment. The interest rate is 4.75% and it is May 15<sup>th</sup>. You are financing over 30 years.

1. What is your downpayment?
2. What is the amount financed?
3. How many days left in month?
4. What is the prepaid interest cost?
5. What is your monthly payment?

## Group Activity – Loan! #2

Q. You are purchasing a car that costs \$21,450 financed over 5 years at 4.75% interest. (#1-3)

1. What is the monthly payment on this car?
2. How much interest will you pay during the life of the loan?
3. How much would you save each month if you negotiate a lower interest rate of 3.7%?
4. What is the benefit of putting a down payment?

## Group Activity! - Mortgage #3

Q. You are purchasing a \$380,000 home on June 13<sup>th</sup> and make 18% down payment. The interest rate is 6.75%. You are financing it over 25 years. (#5-10)

1. How much is your down payment?
2. How much is the amount financed?
3. What is the prepaid interest cost?
4. What is your monthly payment?
5. How much would you save each month if the interest rate is 4.6% instead?
6. What is the price range of the closing costs? (2%-7%)

## Group Activity! – Mortgage #4

**You are purchasing a \$240,000 home on June 18<sup>th</sup> and make 15% down payment. The interest rate is 5.6%. You are financing it over 30 years.**

1. How much is your **down payment**?
2. . How much is the **amount financed**?
3. . What is the **prepaid interest** cost?
4. . What is your **monthly payment**?

## Group Activity! - Living #5

The monthly rent on your apartment is \$416.67. You have an hourly wage job at which you work 40 hours per week during 50 weeks of the year.

1. If you spend 25% of your gross annual salary on rent, **what is your gross annual salary?**
2. If all of the above is true, **how much do you earn per hour?** (take your time!)

## Group Activity! – Floor Plan #6

A rectangular room measures 28 feet by 15 feet. The room is drawn to a scale of  $\frac{1}{2}$  inch represents 1 foot.

1. What are the dimensions of the room on the **scale drawing?**
2. If carpet costs \$1.25 per square foot, **how much would** it cost to carpet this room?