

- 2) **You are purchasing your first home for \$150,000 (scary . . .) and you find a loan at $5\frac{3}{4}\%$ interest.**
- a) **What are your payments on a 30-year loan?**

 - b) **How much interest do you pay on this loan?**

 - c) **What if it was only a 15 year loan – what are your payments?**

 - d) **How much interest would you pay on the 15-year loan?**

 - e) **How much would you save (in interest) on the 15-year loan as compared to the 30-year loan?**
- 3) **Write your own 5 part story problem (like #2 above) and show set-up and answers for each part.**