

Topic 4: Applications of Percents - Block 11 Homework

1. Banks in the United States generally pay interest on savings accounts. Highland Bank advertises an interest rate of 5%, paid once per year on a savings account with a balance of \$1,000 or more.

Is the following statement **true or false**?

“Roberto now has \$1,500 in savings at Highland Bank, so he will earn \$75 on his savings account this year.”

Show or explain how you know.

2. Five people deposit money in savings accounts. Compare the total amount that each person will have in his account after one year. *Show all of your work.*

AL - \$4000 at 5.5% annual interest	BO - \$2000 at 8% annual interest	CY - \$3000 at 4% annual interest
DON - \$4000 at 2.5% annual interest	ED - \$4100 at 3% annual interest	

At the end of one year, whose savings account will be...

the largest?	the 2nd largest?	the 3rd largest?	the 4th largest?	the smallest?