Name Middle School Answer Key **Date**_____

Introduction to Earning Interest
Assessment Worksheet

Taylor has been saving her allowance and her babysitting money for years. She and her friend are planning to travel to Paris, France, when they have each saved enough money.

Taylor has saved **$6,500** so far and her friend has saved almost as much. Taylor wants her money to work as hard for her as she has worked to save it!

Taylor's bank has three types of investments to choose from, if she wants to put her money to work: **annual certificates of deposit (CD)** with a **3.5% APR**, **statement savings accounts** with a **3.25% APR**, and **money market savings** accounts with a **3.0% APR**.

Given that Taylor and her friend have at least one more year before the big trip, which investment will help Taylor the most?

Annual CD (compounds annually)

Beginning Balance	Interest	Ending Balance
$6,500	**$227.50**	**$6,727.50**

Statement Savings Account (compounds quarterly)

	Beginning Balance	Interest	Ending Balance
1st Quarter	**$6,500**	**$52.81**	**$6,552.81**
2nd Quarter	**$6,552.81**	**$53.24**	**$6,606.05**
3rd Quarter	**$6,606.05**	**$53.67**	**$6,659.72**
4th Quarter	**$6,659.72**	**$54.11**	**$6,713.83**

Money Market Savings Account (compounds monthly)

	Beginning Balance	Interest	Ending Balance
1st Month	**$6,500**	**$16.25**	**$6,516.25**
2nd Month	**$6,516.25**	**$16.29**	**$6,532.54**
3rd Month	**$6,532.54**	**$16.33**	**$6,548.87**
4th Month	**$6,548.87**	**$16.37**	**$6,565.24**
5th Month	**$6,565.24**	**$16.41**	**$6,581.65**
6th Month	**$6,581.65**	**$16.45**	**$6,598.10**
7th Month	**$6,598.10**	**$16.50**	**$6,614.60**
8th Month	**$6,614.60**	**$16.54**	**$6,631.14**
9th Month	**$6,631.14**	**$16.58**	**$6,647.72**
10th Month	**$6,647.72**	**$16.62**	**$6,664.34**
11th Month	**$6,664.34**	**$16.66**	**$6,681.00**
12th Month	**$6,681**	**$16.70**	**$6,697.70**

What are the **APYs** of each investment?

Fill in the table:

Investment	APR	APY
Annual CD	**3.5%**	**3.5%**
Statement Savings Account	**3.25%**	**3.29%**
Money Market Savings Account	**3.0%**	**3.04%**