

Activity 19: Calculator Agility (Fill-in all the blanks!)

Use a calculator to determine the values of the following expressions, rounded as indicated. For example: $(1.02)^8$ the hundredths place. $(1.02)^8 = 1.171659... = \boxed{1}.\boxed{1}\boxed{7}$.

Then use the key to fill-in the letter corresponding to the indicated digit in each answer to spell out the code-word.

1. $(1.03)^8$ the hundredths place



1. **2** **7**

2. $\left(1 + \frac{.03}{4}\right)^{16}$ the hundredths place



.

3. $\left(1 + \frac{.05}{12}\right)^{12} - 1$ the ten-thousandths place



.

4. $\left(1 + \frac{.05}{2}\right)^{-8}$ the hundredths place



.

5. $1 - \left(1 + \frac{.065}{4}\right)^{-20}$ the hundredths place



.

6. $\frac{\left(1 + \frac{.075}{12}\right)^{60} - 1}{.075}$ the hundredths place



 .

7. $\frac{.045}{12} \div \left(1 - \left(1 + \frac{.045}{12}\right)^{-72}\right)$ the thousandths place



.

8. $250 \left[\frac{\left(1 + \frac{.035}{12}\right)^{72} - 1}{.035} \right]$ the hundredths place



 .

9. $3,500 \left[\frac{\frac{.055}{12}}{1 - \left(1 + \frac{.055}{12}\right)^{-120}} \right]$ the hundredths place



 .

0	G
1	A
2	C
3	B
4	D
5	L
6	F
7	T
8	U
9	E

C								
#1	#2	#3	#4	#5	#6	#7	#8	#9