What is MATH 109?

MATH 109 is a class designed to teach you the math skills you need when you are solving problems in business or finance. This includes topics like interest, trade discounts, depreciation, and taxes.

What's the difference between MATH 109 and 109S?

MATH 109 (without the "S") is the main college level class. The "S" denotes supplement. Any section with the "S" is a supplemental class. Student can enroll in only MATH 109. Students cannot enroll in only MATH 109S. All supplement sections must be taken concurrently with the main college level course.
There are only two options, either MATH 109 or MATH 109 + MATH 109S.

What is a supplemental class?

A supplemental math course is designed to provide support to students who are apprehensive about, unsure of, or uncomfortable with their math skills. Supplemental course sections offer 2 additional hours per week of course specific practice. If you like the idea of extra practice, guidance and feedback on course materials; or want to create more time & space for math practice, consider enrolling.

I need MATH 109. Should I also enroll in MATH 109S?

So, you've learned that you need or want to take MATH 109. This is a brief assessment to help you decide if you should also take the supplement class, MATH 109S, concurrently with your MATH 109 class. It's also a good idea to talk with an advisor before making your decision.

- If you feel confident you could correctly answer 4, 5 or all 6 of these questions, then enroll in only MATH 109.
- If you feel less confident or think you could only answer 0, 1, 2, or 3 questions correctly, then enroll in MATH 109 and MATH 109S.

1. Can you complete these operations with fractions?
   a. $\frac{1}{3} + \frac{2}{5} =$?
   b. $15\frac{1}{4} - 3\frac{1}{2} =$?
   c. $\frac{5}{9} \cdot \frac{2}{3} =$?

2. Can you convert between fractions, decimals, and percentages?

Fraction	Decimal	Percent
?	?	15%
$\frac{3}{8}$	?	?
?	1.6	?

3. A book costs $20.50 before tax. If there is an 8% sales tax, what is the total cost?

4. Can you round to a specific place value?
   a. Round 145.863 to the tenths place.
   b. Round 130.321 to the hundreds place.
   c. Round 0.9936 to the thousandths place.

5. Can you translate this into an equation and solve it?
   Donna's business has seven more employees than Robert's business. If they have a total of 29 employees, how many employees does Donna's business have?

6. Can you use the formula $I = PRT$ to find the value of I if $P = 5000$, $R = 0.04$, and $T = 3$?