

Warm-Up 1 — Before We Start

Intermediate Macroeconomics · Tuesday, September 1

Name: _____

1. Solve for Y : $Y = 40 + 0.5 Y$

2. If $I = 500 - 20i$, does investment rise or fall when i rises? Write the sign of the relationship using a derivative.

3. A quantity grows from 250 to 275. By what percent did it grow?

4. The unemployment rate rises from 4% to 5%. Fill in both blanks.

That is a rise of _____ percentage point(s), and a rise of _____ percent.

5. A line is drawn on a graph with P on the vertical axis and Q on the horizontal axis. What is the difference between *moving along* the line and the line *shifting*?

6. What is $1 + 0.5 + 0.25 + 0.125 + \dots$ (continuing forever)?

7. Honestly, and just for me: how comfortable are you with each of these? Circle one.

	Fine	Rusty	Never really got it
Solving linear equations			
Reading a graph with two economic variables			
Percentages and growth rates			
Reading a derivative's sign			