

Phone Number Problem

- Grab a calculator
- Key in the first three digits of your phone number (NOT YOUR AREA CODE)
- Multiply by 80
- Add 1
- Multiply by 250
- Add the last 4 digits of your phone number
- Add the last 4 digits of your phone number again
- Subtract 250
- Divide you answer by 2

Do you recognize the number?

Why does this work?

Use Algebra to explain!