

# Guess a number puzzle

You can change your program so that the number to guess is between 1 and 100

**7 guesses** are needed to guess the number if the range is 1 to 100

Just change one thing in your program:

```
theNumber = random.randint(1, 20)
```

Just change 20 to 100

# Guess a number puzzle

1 to 1000 = 10 guesses needed

1 to 1,000,000 = 20 guesses needed

This doesn't seem possible. Use your program (and a calculator to help) to prove that it works