A Mental Math with Exponents   **N** ✳ **X**

Use mental math strategies to solve each problem.

A. $6^2 \div 4 =$

B. $9^2 \div 9 =$

C. $4^2 \div 8 =$

D. $4^2 \div 2^2 =$

E. $10^2 \div 5^2 =$

F. $8^2 \div 4^2 =$

G. Show or tell how you solved Question E.

B Inherit Money   **N** ✳ **$** **X**

Krista's great uncle died and left her his money. In order to claim her fortune, she has to solve this riddle that tells the amount she will get.

Take your time to find a prime.
But, beware, it's one more than a square.
It's under one hundred and ends in seven.
Now, add six zeros and you'll be in heaven.
Problems, you say, there's more than one solution?
Then, add them, my dear, and enjoy your fortune.

How much money did Krista inherit?