

Describe the pattern.

$$7,000 \div 100 = 70$$

$$700 \div 100 = 7$$

$$70 \div 100 = 0.7$$

$$7 \div 100 = 0.07$$

Can you complete the pattern starting with 5,300 divided by 100?

Teddy says,

45 divided by 100 is 0.45  
so I know 0.45 is 100  
times smaller than 45



Mo says,

45 divided by 100 is 0.45  
so I know 45 is 100 times  
bigger than 0.45



Who is correct?  
Explain your answer.