Dividing Decimals by 10, 100, or 1,000

Find each quotient. Use mental math.

1. \( 86.6 \div 10 = \) ____________  
2. \( 192.5 \div 100 = \) ____________  
3. \( 1.99 \div 100 = \) ____________  
4. \( 0.87 \div 10 = \) ____________  
5. \( 228.55 \div 1,000 = \) ____________  
6. \( 0.834 \div 100 = \) ____________  
7. \( 943.35 \div 1,000 = \) ____________  
8. \( 1.25 \div 10 = \) ____________

Write 10, 100, or 1,000 for each \( n \).

9. \( 78.34 \div n = 0.7834 \)  
10. \( 0.32 \div n = 0.032 \)  
11. \( (75.34 - 25.34) \div n = 5 \)

12. There are 145 children taking swimming lessons at the pool. If 10 children will be assigned to each instructor, how many instructors need to be hired? ____________

13. Ronald ran 534.3 mi in 100 days. If he ran an equal distance each day, how many miles did he run per day?  
   A 5  
   B 5.13  
   C 5.343  
   D 6.201

14. Carlos says that \( 17.43 \div 100 \) is the same as \( 174.3 \times 0.01 \). Is he correct? Explain.

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