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. $(75.34 - 25.34) \div n = 5$

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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?

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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 174.3×0.01. Is he correct? Explain.

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