

Division Patterns

Find each quotient. Use mental math.

1. $27 \div 9 =$ _____ 2. $270 \div 9 =$ _____ 3. $2,700 \div 9 =$ _____
 4. $24 \div 4 =$ _____ 5. $240 \div 4 =$ _____ 6. $2,400 \div 4 =$ _____
 7. $720 \div 9 =$ _____ 8. $140 \div 7 =$ _____ 9. $2,100 \div 3 =$ _____

10. If a bike race covers 120 mi over 6 days and the cyclists ride the same distance each day, how many miles does each cyclist ride each day? _____

Use mental math to answer the following questions.

11. If the vehicles are divided evenly between the sections, how many vehicles are in each section?

Dealership Vehicle Storage	
Sections of vehicles	4
Vehicles for sale	1,200
Rows per section	10

12. If the vehicles are divided evenly between the rows in each section, how many vehicles are in each row?

13. **Algebra** If $160,000 \div n = 4$, find n .

Test Prep

14. Find $32,000 \div 8$ mentally.
 A. 4,000 B. 400 C. 40 D. 4
15. **Writing in Math** Solve the equation $n \times 50 = 5,000$. Explain your solution.

