Name _____

Mental Math: Patterns in Division

What has four wheels and flies? Use basic facts and patterns to find each quotient. Then use the decoder to answer the riddle. The answer blank numbers match the exercise numbers. Write the letter that matches the quotient for that exercise on the blank.

1. $200 \div 10 =$ _____ **2.** $2,000 \div 10 =$ _____ **3.** $20,000 \div 10 =$ _____

4. $25 \div 5 =$ _____ **5.** $250 \div 5 =$ _____ **6.** $2,500 \div 5 =$ _____

7. $42 \div 7 =$ _____ **8.** $420 \div 7 =$ _____ **9.** $4,200 \div 7 =$ _____

10. $42,000 \div 7 =$ _____ **11.** $810 \div 9 =$ _____ **12.** $8,100 \div 9 =$ _____

___   ___ ___ ___ ___ ___ ___ ___   ___ ___ ___ ___ ___
 1   2   4   3   6   1 12   9   11   7   8   5 10

900	2,000	600	60	200	500
G	R	E	U	G	B

6	50	6,000	5	90	20
R	C	K	A	T	A

13. Math Reasoning How is the number of zeros in the quotient of $420 \div 7 = 60$ related to the number of zeros in the dividend?

_____

_____

Test Prep Circle the correct letter for each answer.

14. $350 \div 7 =$

  A 50

  B 5

  C 500

  D 5,000

15. $5,600 \div 8 =$

  F 7,000

  G 70

  H 700

  J 7