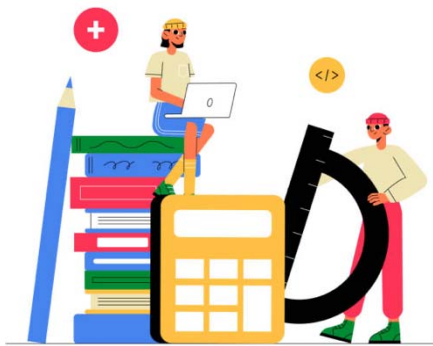




Name _____

Place Value Shift

Directions: Divide each number by the power of ten. Complete the table and describe the place value pattern.

Problem	Quotient	Digits Move
1. $8.4 \div 10$		_____ place(s) to the _____
2. $53.7 \div 10$		_____ place(s) to the _____
3. $6.25 \div 100$		_____ place(s) to the _____
4. $91.8 \div 100$		_____ place(s) to the _____
5. $742.5 \div 1,000$		_____ place(s) to the _____
6. $15.36 \div 100$		_____ place(s) to the _____
7. $408.9 \div 10$		_____ place(s) to the _____
8. $9.081 \div 1,000$		_____ place(s) to the _____

9. Complete the pattern.

$12.8 \rightarrow 1.28 \rightarrow 0.128 \rightarrow$ _____

10. Complete the pattern.

$650.4 \rightarrow 65.04 \rightarrow 6.504 \rightarrow$ _____

11. Complete the rule.

When a decimal is divided by 10, every digit moves _____ place to the _____.

12. Complete the rule.

When a decimal is divided by 100 or 1,000, every digit moves _____ or _____ places to the _____.