

**Multiplicative Patterns on the Place Value Chart** Assignment **Math 5****Part A:** Complete the statement below.

1. The place value of 5 is ten times \_\_\_\_\_ than that of 4 in 12345.
2. The place value of 4 is ten times \_\_\_\_\_ than that of 6 in 46317.
3. The place value of 7 is ten times \_\_\_\_\_ than that of 8 in 34789.
4. Hundreds is equal to \_\_\_\_\_ thousands.
5. Millions is equal to \_\_\_\_\_ hundred thousands.

**Part B:** Fill in the place value charts of the following numbers.

1.

	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
567							
19 239							
459, 087							

2.

	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
43.019		1	2	.	5	0	7
10.123			3	.	1	4	
999.456	2	2	5	.	0	7	9

**Multiplicative Patterns on the Place Value Chart** Assignment **Math 5**

**Part C:** Mark the square with a ✓ if the calculation shown is correct and ✗ if it's wrong.

- ☐  $3.456 \times 100 = 34.56$
- ☐  $23.0454 \times 1000 = 2304.54$
- ☐  $123.45 \div 10 = 1.2345$
- ☐  $3418.9 \div 1000 = 3.4189$
- ☐  $4578 / 100 = 45.78$
- ☐  $148932 / 1000 = 14.8932$

**Part D:** Connect the dots between the expressions with the same value when simplified.

- |                      |   |                       |
|----------------------|---|-----------------------|
| $1567 / 1000$        | ● | ● $15670 / 100$       |
| $156700 \div 1000$   | ● | ● $15.67 \times 1000$ |
| $1.567 \times 10$    | ● | ● $15.67 \div 100$    |
| $1.567 \div 10$      | ● | ● $1567 \div 100$     |
| $1.567 \times 10000$ | ● | ● $0.1567 \times 10$  |

**Multiplicative Patterns on the Place Value Chart** Assignment **Math 5****Part A:** Complete the statement below.

1. The place value of 5 is ten times **smaller** than that of 4 in 12345.
2. The place value of 4 is ten times **bigger** than that of 6 in 46317.
3. The place value of 7 is ten times **bigger** than that of 8 in 34789.
4. Hundreds is equal to  $\frac{1}{10} \times$  thousands.
5. Millions is equal to **10**  $\times$  hundred thousands.

**Part B:** Fill in the place value charts of the following numbers.

1.

	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
567					5	6	7
19, 239			1	9	2	3	9
459, 087		4	5	9	0	8	7

2.

	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
43.019		4	3	.	0	1	9
10.123		1	0	.	1	2	3
999.456	9	9	9	.	4	5	6

**Multiplicative Patterns on the Place Value Chart** Assignment **Math 5**

**Part C:** Mark the square with a ✓ if the calculation shown is correct and ✗ if it's wrong.

- ☐ ✗  $3.456 \times 100 = 34.56$
- ☐ ✗  $23.0454 \times 1000 = 2304.54$
- ☐ ✗  $123.45 \div 10 = 1.2345$
- ☐ ✓  $3418.9 \div 1000 = 3.4189$
- ☐ ✓  $4578 / 100 = 45.78$
- ☐ ✗  $148932 / 1000 = 14.8932$

**Part D:** Connect the dots between the expressions with the same value when simplified.

