

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### 5.NBT.2 - Powers of 10 WS

Complete the table.

$10^0 =$	$10^1 =$	$10^2 =$	$10^3 =$	$10^4 =$
$10^5 =$	$10^6 =$	$10^7 =$	$10^8 =$	$10^9 =$

Complete the table.

	$\times 10^1$	$\times 10^2$	$\times 10^3$	$\times 10^4$
3.5				
21.9				
5.981				
854.67				
25.084				
0.0004				
	$\div 10^1$	$\div 10^2$	$\div 10^3$	$\div 10^4$
3.5				
21.9				
598.1				
854.67				
25,084.1				
0.0004				

Fill in with the missing power of 10.

$$5 \times \underline{\hspace{2cm}} = 5,000,000$$

$$2 \times \underline{\hspace{2cm}} = 200$$

$$6.4 \times \underline{\hspace{2cm}} = 64$$

$$0.0003 \times \underline{\hspace{2cm}} = 3$$

$$1.55 \times \underline{\hspace{2cm}} = 1.55$$

$$360 \times \underline{\hspace{2cm}} = 360,000,000,000$$

$$0.56 \div \underline{\hspace{2cm}} = 0.00056$$

$$20,000 \div \underline{\hspace{2cm}} = 200$$

$$499 \div \underline{\hspace{2cm}} = 49.9$$

$$23,150 \div \underline{\hspace{2cm}} = 0.0023150$$

$$6 \div \underline{\hspace{2cm}} = 0.006$$

$$77 \div \underline{\hspace{2cm}} = 0.0077$$

$$6.845 \times \underline{\hspace{2cm}} = 6,845$$

$$2 \times \underline{\hspace{2cm}} = 2,000,000$$

$$14.54 \div \underline{\hspace{2cm}} = 1.454$$

$$6,800,000 \div \underline{\hspace{2cm}} = 680$$

Fill in with the missing answer.

$$5 \div 10^1 = \underline{\hspace{2cm}}$$

$$1,694 \div 10^5 = \underline{\hspace{2cm}}$$

$$6.4 \times 10^8 = \underline{\hspace{2cm}}$$

$$0.0003 \times 10^5 = \underline{\hspace{2cm}}$$

$$8,500 \div 10^3 = \underline{\hspace{2cm}}$$

$$0.04 \div 10^0 = \underline{\hspace{2cm}}$$

$$3.2 \times 10^6 = \underline{\hspace{2cm}}$$

$$35,400 \times 10^4 = \underline{\hspace{2cm}}$$

$$405 \div 10^3 = \underline{\hspace{2cm}}$$

$$25,699 \div 10^2 = \underline{\hspace{2cm}}$$

$$1.2 \times 10^4 = \underline{\hspace{2cm}}$$

$$12 \times 10^7 = \underline{\hspace{2cm}}$$

$$85 \div 10^3 = \underline{\hspace{2cm}}$$

$$8.5 \div 10^3 = \underline{\hspace{2cm}}$$

$$1.2345 \times 10^6 = \underline{\hspace{2cm}}$$

$$35.4 \times 10^1 = \underline{\hspace{2cm}}$$

## 5.NBT.2 - Powers of 10 WS KEY

Complete the table.

$10^0 = 1$	$10^1 = 10$	$10^2 = 100$	$10^3 = 1000$	$10^4 = 10,000$
$10^5 =$ 100,000	$10^6 =$ 1,000,000	$10^7 =$ 10,000,000	$10^8 =$ 100,000,000	$10^9 =$ 1,000,000,000

Complete the table.

	$\times 10^1$	$\times 10^2$	$\times 10^3$	$\times 10^4$
3.5	35	350	3500	35,000
21.9	219	2190	21,900	219,000
5.981	59.81	598.1	5981	59,810
854.67	8546.7	85,467	854,670	8,546,700
25.084	250.84	2580.4	25,840	258,400
0.0004	0.004	0.04	0.4	4
	$\div 10^1$	$\div 10^2$	$\div 10^3$	$\div 10^4$
3.5	0.35	0.035	0.0035	0.00035
21.9	2.19	0.219	0.0219	0.00219
598.1	59.81	5.981	0.5981	0.05981
854.67	85.467	8.5467	0.85467	0.085467
25,084.1	2508.41	250.841	25.0841	2.50841
0.0004	0.00004	0.000004	0.0000004	0.00000004

Fill in with the missing power of 10.

$$5 \times 10^6 = 5,000,000$$

$$6.4 \times 10^1 = 64$$

$$1.55 \times 10^0 = 1.55$$

$$0.56 \div 10^3 = 0.00056$$

$$499 \div 10^1 = 49.9$$

$$6 \div 10^3 = 0.006$$

$$6.845 \times 10^3 = 6,845$$

$$14.54 \div 10^1 = 1.454$$

Fill in with the missing answer.

$$5 \div 10^1 = 0.5$$

$$6.4 \times 10^8 = 640,000,000$$

$$8,500 \div 10^3 = 8.5$$

$$3.2 \times 10^6 = 3,200,000$$

$$405 \div 10^3 = 0.405$$

$$1.2 \times 10^4 = 12,000$$

$$85 \div 10^3 = 0.085$$

$$1.2345 \times 10^6 = 1,234,500$$

$$2 \times 10^2 = 200$$

$$0.0003 \times 10^4 = 3$$

$$360 \times 10^9 = 360,000,000,000$$

$$20,000 \div 10^2 = 200$$

$$23,150 \div 10^7 = 0.0023150$$

$$77 \div 10^4 = 0.0077$$

$$2 \times 10^6 = 2,000,000$$

$$6,800,000 \div 10^4 = 680$$

$$1,694 \div 10^5 = 0.01694$$

$$0.0003 \times 10^5 = 30$$

$$0.04 \div 10^0 = 0.04$$

$$35,400 \times 10^4 = 354,000,000$$

$$25,699 \div 10^2 = 256.99$$

$$12 \times 10^7 = 120,000,000$$

$$8.5 \div 10^3 = 0.0085$$

$$35.4 \times 10^1 = 354$$