

## Interactive Revision Worksheet

### Chapter 1: Lesson 1

### Patterns with Exponent and powers of 10



In this Lesson, you will use the properties of multiplication to calculate a product.

#### Examples:

❖ Find each product :

1)  $8 \times 10^4 =$

2)  $6 \times 100 =$

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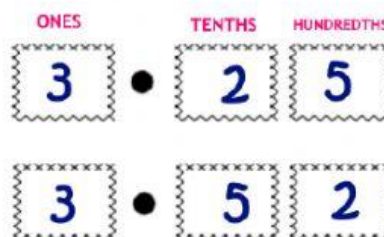
3)  $10^3 \times 6 =$

- ❖ One box of printer paper has  $3 \times 10^2$  sheets of paper. Another box has  $10^3$  sheets of paper. What is the total number of sheets in both boxes ?

## Chapter 1: Lesson 5

### Compare Decimals

#### Comparing & Ordering Decimals



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## In this lesson we will use place value to compare decimals

### Examples:

#### ❖ Compare using <, > or = :

- |          |                      |       |
|----------|----------------------|-------|
| 1) 8.66  | <input type="text"/> | 8.576 |
| 2) 7.09  | <input type="text"/> | 6.65  |
| 3) 5.565 | <input type="text"/> | 5.050 |
| 4) 3.235 | <input type="text"/> | 3.621 |




#### ❖ Order these decimals from least to greatest

5.6	5.3	5.8	5.4	5.0	6.0
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

## Chapter 1: Lesson 6

### Round Decimals



**ROUNDING**

Underline the digit  
look next door.

If it's 5 or greater  
add one more.

If it's less than 5  
leave it for sure.

Everything after  
is a zero, not more.

In this lesson we will use place value to round  
decimals to different places

#### Examples:

❖ Round each decimal to the place of the underlined digit

- 1) 12.41
- 2) 10.846
- 3) 7.3
- 4) 9.401
- 5) 3.811

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## Chapter 2: Lesson 2

### Estimate Sums and differences

Compatible Numbers

$$\begin{array}{r}
 \overset{\textcircled{1}}{4} \quad \overset{\textcircled{1}}{9} \quad 3 \\
 + 5 \quad 4 \quad 9 \\
 \hline
 1 \quad 0 \quad 4 \quad 2
 \end{array}$$

→

$$\begin{array}{r}
 \overset{\textcircled{1}}{4} \quad 9 \quad 0 \\
 + 5 \quad 5 \quad 0 \\
 \hline
 1 \quad 0 \quad 4 \quad 0
 \end{array}$$

Close to actual sum

In this lesson you will use compatible numbers  
 to estimate sums and differences.

#### Example:

If we have to add 493 and 549, we can use compatible numbers to estimate :

$493 \rightarrow 490$	
$+ 549 \rightarrow +550$	
<div style="background-color: #ccc; width: 80px; height: 20px; margin-bottom: 5px;"></div> $493 \rightarrow 500$	
$+ 549 \rightarrow +500$	
<div style="background-color: #ccc; width: 80px; height: 20px; margin-bottom: 5px;"></div>	

## Chapter 2: Lesson 4

### Add Decimals

# Adding Decimals

#### Steps

1. Line them up by the decimal
2. Drop the decimal down
3. Fill in the place holders & solve

Example:  $4.98 + 21.7$

$$\begin{array}{r} 1 \\ 4.98 \\ + 21.70 \\ \hline 26.68 \end{array}$$

In this lesson, we will add decimals to the hundredths using the standard algorithm

**Example:**

$$\begin{array}{r} 2.345 \\ + 1.500 \\ \hline \end{array}$$

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## Chapter 2: Lesson 6

### Add and Subtract Decimals

Solve these problems. Remember, its always a good idea to estimate your answer first.

$$136.04 + 102.27 \longrightarrow \begin{array}{r} 136.04 \\ + 102.27 \\ \hline 238.31 \end{array}$$

Write in vertical column,  
aligning the decimal points.

Add each column, starting on  
right. Carry digits when needed.

$$2.37 - 0.031 \longrightarrow \begin{array}{r} 2.3\overset{6}{\cancel{7}}0 \\ - 0.031 \\ \hline 2.339 \end{array}$$

Write in vertical column,  
aligning the decimal points.

Subtract each column, starting  
on right and working left.  
Borrow as needed.



## Chapter 3: Lesson 1

### Multiply Greater numbers by powers of 10

As we **multiply**, the numbers get **larger!**

The exponent tells us  
how many zeros we need.

$$8 \times 10^1 = 80$$

$$8 \times 10^2 = 800$$

$$8 \times 10^3 = 8000$$



In this lesson, we will use place-value understandings and patterns to mentally multiply whole numbers and power of 10

#### Example:

Find each product:

1)  $102 \times 10^4 =$

2)  $3,510 \times 10^0 =$

3)  $54 \times 10^2 =$