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) $6 \times 100 =$ ____

3) $10^3 \times 6 =$ ____

❖ **One box of printer paper has 3×10^2 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

In this lesson we will use place value to compare decimals

Examples:

❖ Compare using <,> or = :

1) 8.66 ____ 8.576

2) 7.09 ____ 6.65

3) 5.565 ____ 5.050

4) 3.235 ____ 3.621

❖ Order these decimals from least to greatest

5.6	5.3	5.8	5.4	5.0	6.0

Chapter 1: Lesson 6

Round Decimals

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

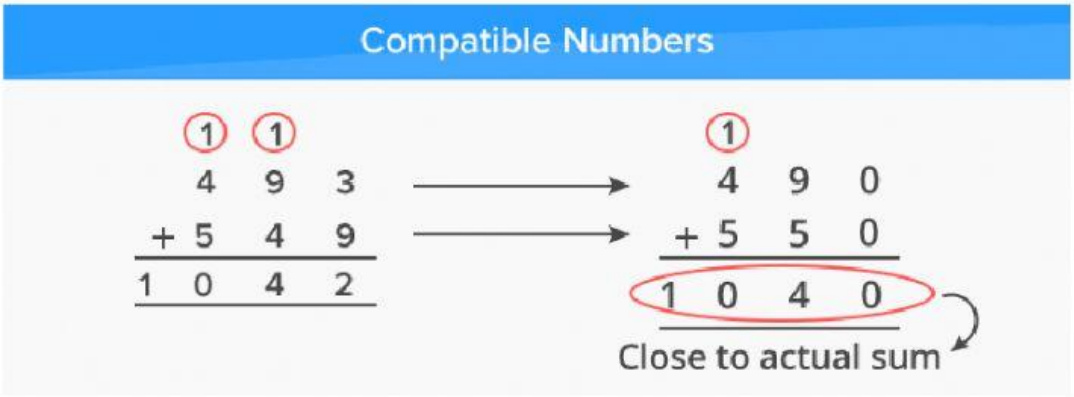
Examples:

❖ **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

Chapter 2: Lesson 2

Estimate Sums and differences



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 → 490

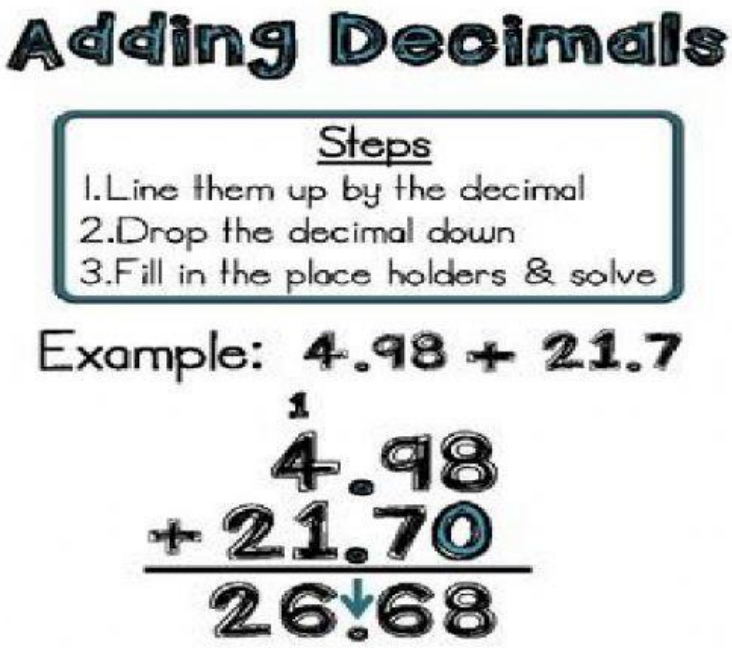
+ 549 → +550

493 → 500

+ 549 → +500

Chapter 2: Lesson 4

Add Decimals



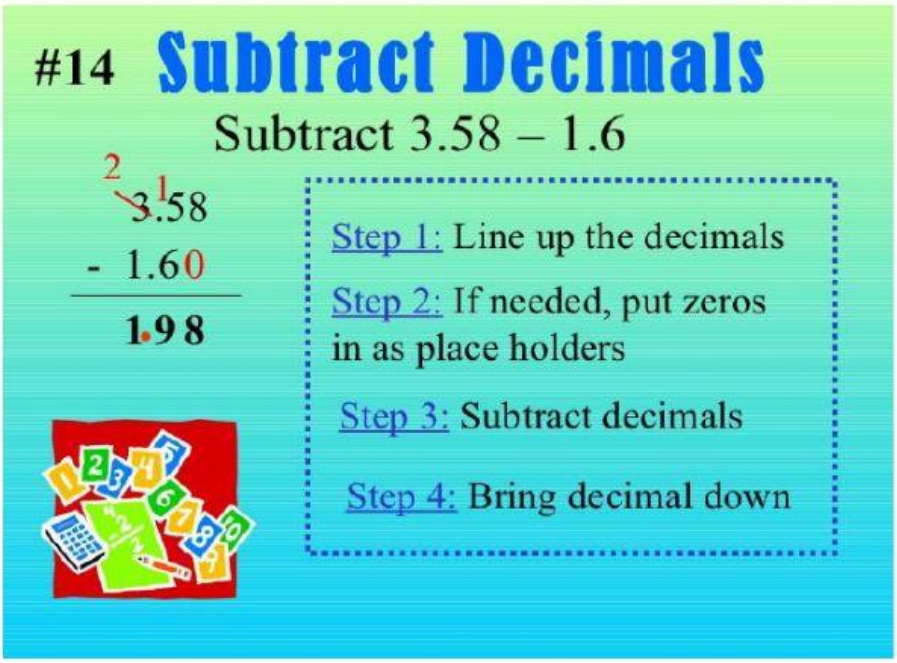
In this lesson, we will add decimals to the hundredths using the standard algorithm

Example:

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

Chapter 2: Lesson 5

Subtract Decimals



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

Example:

5.09

- 1.337

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 →

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

Write in vertical column, aligning the decimal points.

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

2.37 - 0.031 →

$$\begin{array}{r} {\scriptstyle 6\,\,\,\,\,\,} \\ 2.370 \\ -\,0.031 \\ \hline 2.339 \end{array}$$

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.

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

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

$8 \times 10^{3} = 8{,}000$

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) $54 \times 10^{2} =$ ____