Name _____ Date_____

Working with decimals

Understands decimal numbers and their operations processes to select the strategy when solve a number problem
C1 - Gestión de la información

1. Order the numbers from smallest to largest

3.217	6	3.0078	6.12	3.9	6.054

Smallest → Largest

2. Match the digits to their place value position in the following number: *763.872*

	Tens
	Hundredths
	Ones
	Hundreds
	Tenths
	Thousandths

3. Write this fraction as a decimal: $\frac{4}{1000}$

_____

Recognizes decimal models, their operations to solve word problems
C1 - Gestión de la información

5. Hazel has a giant pizza. She cuts the pizza into ten slices. Then, she cuts each slice into 10 smaller slices. The smallest slice equals? Mark X next to the correct answer

a. One tenth of the pizza
b. One hundred of the pizza
c. One thousandth of the pizza
d. On hundredth of the pizza

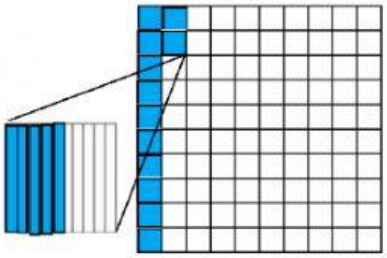
5.A Explain your answer

Recognizes decimal algorithms and the properties of the operations: addition, subtraction, multiplication and division to defend his answers by arguing his process
C2 - Valoración Crítica

6. Valerie and Clara are going to share a box of chocolates. There are ten chocolates in the box when they first buy them. Valerie eats six of the chocolates and gives the rest to Clara. "Don't worry," she says. "I saved half for you, Clara!"

Is Valerie correct? Explain your answer.

Analyzes a given context, and explore the decimal number characteristics to represent the situation in different ways
C3 - Creatividad



7. The entire block represents one unit.

Write the decimal shown by the shaded parts of the block:

a. **In number form**

_____

_____

b. **In written form:**

_____

_____

c. **In expanded form**

_____

_____

Recognizes decimal numbers and their operations to identify the cognitive strategies used in a proposed task
C4 - Metacognición

8. Alexandro sees two trees in the botanical gardens. One tree is very big, one tree is very small. He asks the gardener how tall the trees are. The gardener says, "The big tree is 45 meters tall and the small tree is 4.5 meters tall."

How much taller is the big tree than the little tree? Use the Place Value Chart to show your working out.

tens	ones	decimal	tenths	hundredths

_____
_____
_____

Answer: The big tree is _____ bigger than the small tree.