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Ordering Decimals Worksheet Answer Key PDF

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Part 1: Building a Foundation

What is the place value of the digit 7 in the decimal number 3.476?

undefined. A) Tenths

undefined. B) Hundredths ✓

undefined. C) Thousandths

undefined. D) Units

The place value of the digit 7 is hundredths.

What is the place value of the digit 7 in the decimal number 3.476?

undefined. Tenths

undefined. Hundredths ✓

undefined. Thousandths

undefined. Units

The place value of the digit 7 is in the hundredths place.

What is the place value of the digit 7 in the decimal number 3.476?

undefined. A) Tenths

undefined. B) Hundredths ✓

undefined. C) Thousandths

undefined. D) Units

The place value of the digit 7 is hundredths.

Which of the following are correct representations of decimals?

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undefined. A) 0.5 ✓

undefined. B) 5.0 ✓

undefined. C) 50

undefined. D) 0.05 ✓

The correct representations of decimals are 0.5, 5.0, and 0.05.

Which of the following are correct representations of decimals?

undefined. 0.5 ✓

undefined. 5.0 ✓

undefined. 50

undefined. 0.05 ✓

The correct representations of decimals include 0.5, 5.0, and 0.05.

Which of the following are correct representations of decimals?

undefined. A) 0.5 ✓

undefined. B) 5.0 ✓

undefined. C) 50

undefined. D) 0.05 ✓

The correct representations of decimals are 0.5, 5.0, and 0.05.

Explain what a decimal is and how it is used in the number system.

A decimal is a fraction expressed in a special form, and it is used to represent values that are not whole numbers.

Explain what a decimal is and how it is used in the number system.

A decimal is a fraction expressed in a special form, where the denominator is a power of ten, and it is used to represent values that are not whole numbers.

Explain what a decimal is and how it is used in the number system.

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A decimal is a fraction expressed in a special form, and it is used to represent values that are not whole numbers.

Part 2: comprehension and Application

Which decimal is greater: 0.67 or 0.76?

undefined. A) 0.67

undefined. B) 0.76 ✓

undefined. C) They are equal

undefined. D) Cannot be determined

The decimal 0.76 is greater than 0.67.

Which decimal is greater: 0.67 or 0.76?

undefined. 0.67

undefined. 0.76 ✓

undefined. They are equal

undefined. Can not be determined

0.76 is greater than 0.67.

Which decimal is greater: 0.67 or 0.76?

undefined. A) 0.67

undefined. B) 0.76 ✓

undefined. C) They are equal

undefined. D) Cannot be determined

The decimal 0.76 is greater than 0.67.

Which of the following decimals are in ascending order?

undefined. A) 0.45, 0.54, 0.56 ✓

undefined. B) 0.56, 0.54, 0.45

undefined. C) 0.54, 0.45, 0.56

undefined. D) 0.45, 0.56, 0.54

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The correct ascending order is 0.45, 0.54, 0.56.

Which of the following decimals are in ascending order?

undefined. 0.45, 0.54, 0.56 ✓

undefined. 0.56, 0.54, 0.45

undefined. 0.54, 0.45, 0.56

undefined. 0.45, 0.56, 0.54

The correct ascending order is 0.45, 0.54, 0.56.

Which of the following decimals are in ascending order?

undefined. A) 0.45, 0.54, 0.56 ✓

undefined. B) 0.56, 0.54, 0.45

undefined. C) 0.54, 0.45, 0.56

undefined. D) 0.45, 0.56, 0.54

The correct ascending order is 0.45, 0.54, 0.56.

Describe how you would compare two decimals to determine which is larger.

To compare two decimals, align them by the decimal point and compare digit by digit from left to right.

Describe how you would compare two decimals to determine which is larger.

To compare two decimals, align them by the decimal point and compare digit by digit from left to right.

Describe how you would compare two decimals to determine which is larger.

To compare two decimals, align them by the decimal point and compare digit by digit from left to right.

If you round the decimal 4.657 to the nearest tenth, what is the result?

undefined. A) 4.6

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undefined. B) 4.7 ✓

undefined. C) 4.65

undefined. D) 4.66

When rounded to the nearest tenth, 4.657 becomes 4.7.

If you round the decimal 4.657 to the nearest tenth, what is the result?

undefined. 4.6

undefined. 4.7 ✓

undefined. 4.65

undefined. 4.66

When rounded to the nearest tenth, 4.657 becomes 4.7.

If you round the decimal 4.657 to the nearest tenth, what is the result?

undefined. A) 4.6

undefined. B) 4.7 ✓

undefined. C) 4.65

undefined. D) 4.66

When rounded to the nearest tenth, 4.657 becomes 4.7.

Which of the following decimals can be rounded to 3.5 when rounded to the nearest tenth?

undefined. A) 3.45

undefined. B) 3.49 ✓

undefined. C) 3.51 ✓

undefined. D) 3.54

The decimals that can be rounded to 3.5 are 3.49 and 3.51.

Which of the following decimals can be rounded to 3.5 when rounded to the nearest tenth?

undefined. 3.45

undefined. 3.49 ✓

undefined. 3.51 ✓

undefined. 3.54

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The decimals that can be rounded to 3.5 are 3.49 and 3.51.

Which of the following decimals can be rounded to 3.5 when rounded to the nearest tenth?

undefined. A) 3.45 ✓

undefined. B) 3.49 ✓

undefined. C) 3.51 ✓

undefined. D) 3.54

The decimals that can be rounded to 3.5 are 3.45, 3.49, and 3.51.

Convert the fraction 3/4 into a decimal and explain the process.

The fraction 3/4 converts to 0.75 by dividing 3 by 4.

Convert the fraction 3/4 into a decimal and explain the process.

The fraction 3/4 converts to 0.75 by dividing 3 by 4.

Convert the fraction 3/4 into a decimal and explain the process.

The fraction 3/4 converts to 0.75 by dividing 3 by 4.

Part 3: Analysis, Evaluation, and Creation

Which of the following sets of decimals are correctly ordered from greatest to least?

undefined. A) 0.98, 0.89, 0.79 ✓

undefined. B) 0.79, 0.89, 0.98

undefined. C) 0.89, 0.98, 0.79

undefined. D) 0.98, 0.79, 0.89

The correct order from greatest to least is 0.98, 0.89, 0.79.

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Which of the following sets of decimals are correctly ordered from greatest to least?

undefined. 0.98, 0.89, 0.79 ✓

undefined. 0.79, 0.89, 0.98

undefined. 0.89, 0.98, 0.79

undefined. 0.98, 0.79, 0.89

The correct order from greatest to least is 0.98, 0.89, 0.79.

Which of the following sets of decimals are correctly ordered from greatest to least?

undefined. A) 0.98, 0.89, 0.79 ✓

undefined. B) 0.79, 0.89, 0.98

undefined. C) 0.89, 0.98, 0.79

undefined. D) 0.98, 0.79, 0.89

The correct order from greatest to least is 0.98, 0.89, 0.79.

Analyze the following decimals and select those that are equivalent to 0.5.

undefined. A) 0.50 ✓

undefined. B) 0.05

undefined. C) 0.500 ✓

undefined. D) 0.55

The decimals equivalent to 0.5 are 0.50 and 0.500.

Analyze the following decimals and select those that are equivalent to 0.5.

undefined. 0.50 ✓

undefined. 0.05

undefined. 0.500 ✓

undefined. 0.55

The decimals equivalent to 0.5 are 0.50 and 0.500.

Analyze the following decimals and select those that are equivalent to 0.5.

undefined. A) 0.50 ✓

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undefined. B) 0.05

undefined. C) 0.500 ✓

undefined. D) 0.55

The decimals equivalent to 0.5 are 0.50 and 0.500.

Break down the decimal 0.725 into its component place values and explain their significance.

The decimal 0.725 consists of 0 in the units place, 7 in the tenths place, 2 in the hundredths place, and 5 in the thousandths place.

Break down the decimal 0.725 into its component place values and explain their significance.

The decimal 0.725 consists of 0 in the units place, 7 in the tenths place, 2 in the hundredths place, and 5 in the thousandths place, each representing a fraction of ten.

Break down the decimal 0.725 into its component place values and explain their significance.

The decimal 0.725 consists of 0 in the units place, 7 in the tenths place, 2 in the hundredths place, and 5 in the thousandths place.

Which decimal best represents half of a dollar?

undefined. A) 0.25

undefined. B) 0.50 ✓

undefined. C) 0.75

undefined. D) 1.00

The decimal that best represents half of a dollar is 0.50.

Which decimal best represents half of a dollar?

undefined. 0.25

undefined. 0.50 ✓

undefined. 0.75

undefined. 1.00

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The decimal that best represents half of a dollar is 0.50.

Which decimal best represents half of a dollar?

undefined. A) 0.25

undefined. B) 0.50 ✓

undefined. C) 0.75

undefined. D) 1.00

The decimal that best represents half of a dollar is 0.50.

Evaluate the following scenarios and select those where decimals are appropriately used.

undefined. A) Measuring rainfall in inches ✓

undefined. B) Counting whole apples

undefined. C) Calculating interest rates ✓

undefined. D) Weighin produce in pounds

Decimals are appropriately used in measuring rainfall in inches and calculating interest rates.

Evaluate the following scenarios and select those where decimals are appropriately used.

undefined. Measuring rainfall in inches ✓

undefined. Counting whole apples

undefined. Calculating interest rates ✓

undefined. Weighin produce in pounds ✓

Decimals are appropriately used in measuring rainfall in inches, calculating interest rates, and weighing produce in pounds.

Evaluate the following scenarios and select those where decimals are appropriately used.

undefined. A) Measuring rainfall in inches ✓

undefined. B) Counting whole apples

undefined. C) Calculating interest rates ✓

undefined. D) Weighin produce in pounds

Decimals are appropriately used in measuring rainfall in inches and calculating interest rates.

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Create a real-world problem that involves ordering decimals and provide a solution.

An example problem could involve comparing prices of items to determine the best deal.

Create a real-world problem that involves ordering decimals and provide a solution.

An example problem could involve comparing prices of items to determine which is the cheapest, and the solution would involve ordering the decimals representing the prices.

Create a real-world problem that involves ordering decimals and provide a solution.

An example problem could involve comparing prices of items to determine the best deal.

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