



Unleashing Innovation Through STEM Education

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Lesson: Place Value

Name:

Teacher:

Date:

Place Value Worksheet

MA.7.NSO.2.1 • Whole Numbers, Decimals, and Fractions

Part A – Multiple Choice (Choose the correct answer)

1) What is the value of 6 in 4,682?

A. 6 B. 60 C. 600 D. 6,000

2) Which is greater?

A. 0.506 B. 0.56 C. They are equal D. Cannot be determined

3) What is $\frac{7}{10}$ written as a decimal?

A. 0.07 B. 0.7 C. 7.0 D. 0.007

4) Which number is the smallest?

A. 0.45 B. 0.405 C. 0.450 D. 0.54

5) Which fraction is equal to 0.6?

A. $\frac{3}{5}$ B. $\frac{6}{10}$ C. $\frac{2}{3}$ D. Both A and B

Part B – Show Your Work

6) Write 0.807 in expanded form.

7) Compare 0.45 and 0.405. Which is greater? Explain.

8) Convert $\frac{3}{4}$ into a decimal.

9) Order from least to greatest: 0.5, 0.05, 0.505

10) What is the value of 9 in 0.394?



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Answer Key

- 1) C. 600
- 2) B. 0.56
- 3) B. 0.7
- 4) B. 0.405
- 5) D. Both A and B

- 6) $0.8 + 0.007$
- 7) 0.45 is greater ($0.450 > 0.405$)
- 8) 0.75
- 9) 0.05, 0.5, 0.505
- 10) 0.09