

4.NF.C.7 Representing Decimals

4.NF.C.6: Use decimal notation for fractions with denominators 10 or 100.

Give what is asked in each item and then write your answers on the space provided.

1. Make a model to represent the following decimals.

- a. **0.34** b. **0.72** c. **0.41** d. **0.56**

Answers:

- a. b. c.

2. Write the place value of the underlined digit. Write each decimal in word and expanded form.

- a. **0.434** b. **1.43** c. **2.141** d. **5.789**

Answers (Place Value):

- a.
b.
c.
d.

Answers (Word and Expanded Form):

- a.
b.
c.
d.

3. Use the table to answer the questions.

Energy Consumption

House #	kWh
1	4.331
2	4.832
3	4.452
4	4.821

- a. Which digit's place value will you use to determine who got a higher energy consumption between House #1 and House #3?
b. Which digit's place value will you use to determine who got a Higher energy consumption between House #2 and House #4?
c. Which house has the smallest digit in hundredths place of its energy consumption? What is the place value of this digit?

Answers :

- a. c.
b. d.

4. Which among the choices below describes the number 0.500? _____

- a. five-tenths b. five hundred-thousandths c. fifty-hundredths d. A, B, C

4.NF.C.7 Representing Decimals

Answer Key

4.NF.C.6: Use decimal notation for fractions with denominators 10 or 100.

Give what is asked in each item and then write your answers on the space provided.

1. Make a model to represent the following decimals.

a. **0.34**

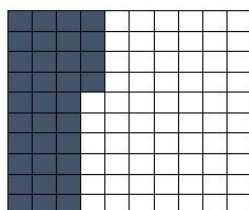
b. **0.72**

c. **0.41**

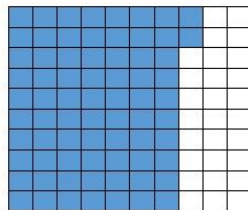
d. **0.56**

Answers:

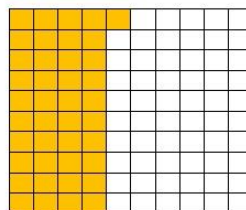
a.



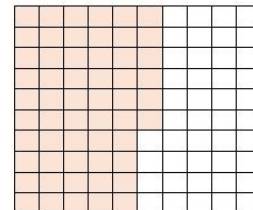
b.



c.



d.



2. Write the place value of the underlined digit. Write each decimal in word and expanded form.

a. **0.434**

b. **1.43**

c. **2.141**

d. **5.789**

Answers (Place Value):

a. **hundredths**

b. **tenths**

c. **ones**

d. **thousandths**

Answers (Word and Expanded Form):

a. **four hundred thirty-four thousandths**

b. **one and forty-three hundredths**

c. **two and one hundred forty-one thousandths**

d. **five and seven hundred eighty-nine thousandths**

3. Use the table to answer the questions.

Energy Consumption

House #	kWh
1	4.331
2	4.832
3	4.452
4	4.821

- Which digit's place value will you use to determine who got a higher energy consumption between House #1 and House #3?
- Which digit's place value will you use to determine who got a Higher energy consumption between House #2 and House #4?
- Which house has the smallest digit in hundredths place of its energy consumption? What is the place value of this digit?

Answers :

a. **tenths place**

c. **House #4, 0.02**

b. **hundredths place**

4. Which among the choices below describes the number 0.500? **b.**

a. five tenths

b. five hundred thousandths

c. fifty hundredths

d. A, B, C