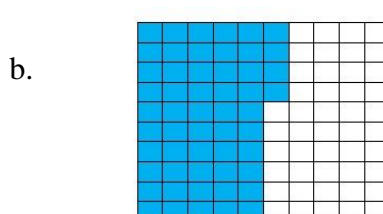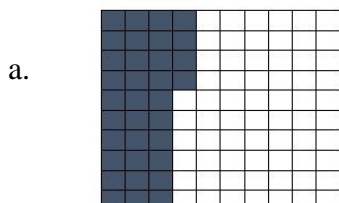# tutorified

Writing Decimals in Various Forms

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

1. Write the decimal shown by the shaded fraction of the image in standard, word, and expanded form.

a.

b.

Answers (Standard; Word; Expanded):

a.

b.

2. Write the value of the underlined digit. Write each number in words and expanded form.

   a. **1.2<u>3</u>**   b. **<u>1</u>.03**   c. **6.<u>8</u>7**   d. **0.8<u>3</u>9**

Answers (Value; Word; Expanded):

a.
b.
c.
d.

3. Refer to the table on the right to answer the following questions.

a. Which student has 7 at the hundredths place of her weight?
b. Which student has 7 at the thousandths place of her weight?
c. Which student has the biggest digit at the thousandths place?
d. Which student has the biggest digit at the hundredths place?

Weight of Female Students	
Name	Weight (lbs)
Zine	94.789
Zayn	94.897
Zane	94.978
Zsa Zsa	93.143

Answers:
a.   c.
b.   d.

4. Which shows the standard form of ten and sixty-three hundredths? _____
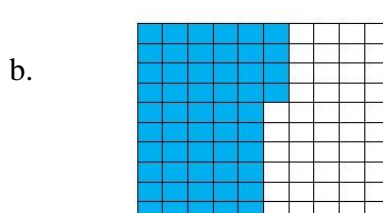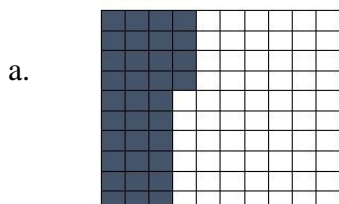   a. **10.63**   b. **1063**   c. **10.063**   d. **10.006**

Writing Decimals in Various Forms

Answer Key

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

1. Write the decimal shown by the shaded fraction of the image in standard, word, and expanded form.

a.

b.

Answers (Standard; Word; Expanded):

a. 0.34; thirty-four hundredths; 0.3 + 0.04

b. 0.54; fifty-four hundredths; 0.5 + 0.04

2. Write the value of the underlined digit. Write each number in words and expanded form.

a. **1.2<u>3</u>**   b. **<u>1</u>.03**   c. **6.<u>8</u>7**   d. **0.8<u>3</u>9**

Answers (Value; Word; Expanded):

a. 0.03; one and twenty-three hundredths; 1 + 0.2 + 0.03
b. 1.00; one and three hundredths; 1 + 0.03
c. 0.80; six and eighty-seven hundredths; 6 + 0.8 + 0.07
d. 0.030; eight hundred thirty-nine thousandths; 0.8 + 0.03 + 0.009

3. Refer to the table on the right to answer the following questions.

a. Which student has 7 at the hundredths place of her weight?
b. Which student has 7 at the thousandths place of her weight?
c. Which student has the biggest digit at the thousandths place?
d. Which student has the least digit at the hundredths place?

Weight of Female Students	
Name	Weight (lbs)
Zine	94.789
Zayn	94.897
Zane	94.978
Zsa Zsa	93.143

Answers:
a. Zane   c. Zine
b. Zayn   d. Zsa Zsa

4. Which shows the standard form of ten and sixty-three hundredths? _____a._____
   a. **10.63**   b. **1063**   c. **10.063**   d. **10.0063**