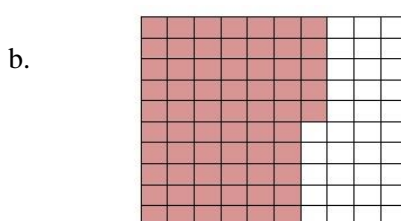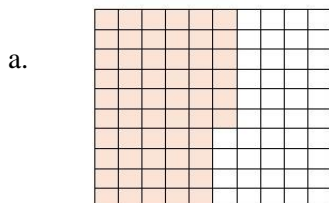# tutorified

Understanding Place Value

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 forms.

   a.   b.

   Answers (Standard; Word; Expanded):

   a.

   b.

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

   a. **1.4<u>3</u>**   b. **<u>2</u>.03**   c. **6.<u>5</u>7**   d. **0.8<u>1</u>9**   e. **0.<u>2</u>35**   f. **<u>1</u>.214**   g. **2.<u>9</u>01**   h. **1.43<u>2</u>**

   Answers (Value; Word; Expanded):

   a.
   b.
   c.
   d.
   e.
   f.
   g.
   h.

3. Write as a decimal.

   a. thirty-two hundredths
   b. four and three thousandths
   c. sixty-two thousandths

   Answers:

   a.
   b.
   c.

4. Which shows the standard form of five and seven hundredths? _____
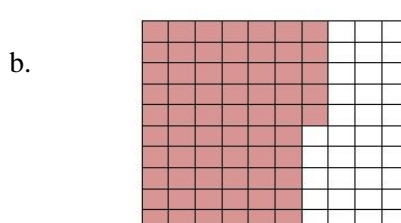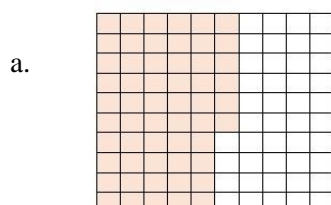   **a. 5.7**   b. **5700**   c. **5.07**   d. **5.007**

Understanding Place Value

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 forms.

a.

b.

Answers (Standard; Word; Expanded):

a. 0.56; fifty-six hundredths; 0.5 + 0.06

b. 0.65; sixty-five hundredths; 0.6 + 0.05

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

a. **1.4<u>3</u>**   b. **<u>2</u>.03**   c. **6.<u>5</u>7**   d. **0.8<u>1</u>9**   e. **0.<u>2</u>35**   f. **<u>1</u>.214**   g. **2.<u>9</u>01**   h. **1.43<u>2</u>**

Answers (Value; Word; Expanded):

a. 0.03; one and forty-three hundredths; 1 + 0.4 + 0.03
b. 2.00; two and three hundredths; 2 + 0.03
c. 0.50; six and fifty-seven hundredths; 6 + 0.5 + 0.07
d. 0.010; eight hundred nineteen thousandths; 0.8 + 0.01 + 0.009
e. 0.200; two hundred thirty-five thousandths; 0.2 + 0.03 + 0.005
f. 1.000; one and two hundred fourteen thousandths; 1 + 0.2 + 0.01 + 0.004
g. 0.900; two and nine hundred one thousandths; 2 + 0.9 + 0.001
h. 0.002; one and four hundred thirty two thousandths; 1 + 0.4 + 0.03 + 0.002

3. Write as a decimal.

a. thirty-two hundredths
b. four and three thousandths
c. sixty-two thousandths

Answers:

a. 0.32
b. 4.003
c. 0.062

4. Which shows the standard form of five and seven hundredths? _____ c. _____
a. **5.7**   b. **5700**   c. **5.07**   d. **5.007**