

NAME \_\_\_\_\_

DATE \_\_\_\_\_



## Decimals, Fractions & Story Problems page 1 of 2

- 1 Write the place value of the underlined digit in each number. The place values are spelled correctly for you here:

hundreds

tens

ones

tenths

hundredths

<b>ex</b> 2.0 <u>3</u> hundredths	<b>a</b> 3. <u>1</u> 7
<b>b</b> 120. <u>4</u>	<b>c</b> <u>5</u> 06.92
<b>d</b> 54. <u>2</u> 9	<b>e</b> 32. <u>7</u>

- 2 Write each decimal number.

**ex** Twenty-three and two-tenths: 23.2

**ex** One hundred thirty and five-hundredths: 130.05

**a** Six and seven-hundredths: \_\_\_\_\_

**b** Two-hundred sixty-five and eight-tenths: \_\_\_\_\_

- 3 Write each fraction or mixed number as a decimal number.

<b>ex</b> $5\frac{3}{10}$ 5.3	<b>ex</b> $12\frac{4}{100}$ 12.04	<b>ex</b> $3\frac{17}{100}$ 3.17
<b>a</b> $\frac{7}{10}$	<b>b</b> $3\frac{5}{100}$	<b>c</b> $\frac{4}{100}$
<b>d</b> $4\frac{38}{100}$	<b>e</b> $1\frac{9}{100}$	<b>f</b> $1\frac{9}{10}$

- 4 Use a greater than (>), less than (<), or equal sign to show the relationship between the decimal numbers below.

<b>ex</b> 1.09 < 1.9	<b>a</b> 1.12 1.2	<b>b</b> 3.5 3.48
<b>c</b> 23.81 23.85	<b>d</b> 4.50 4.5	<b>e</b> 3.06 3.65

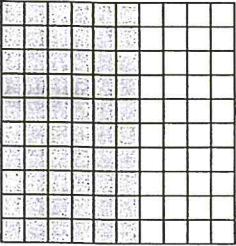
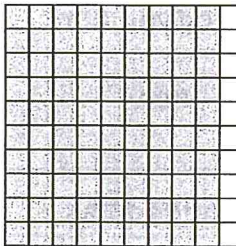
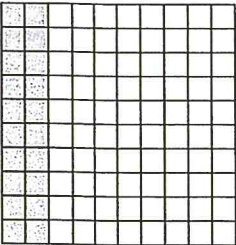
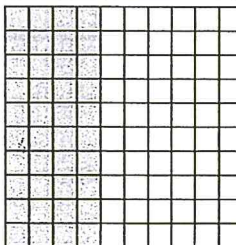
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- 5** Write two fractions to show what part of each mat has been shaded in—one with denominator 10 and an equivalent fraction with denominator 100.

<p><b>ex</b></p>  $\frac{6}{10} = \frac{60}{100}$	<p><b>a</b></p>  $\frac{\quad}{\quad} = \frac{\quad}{\quad}$
<p><b>b</b></p>  $\frac{\quad}{\quad} = \frac{\quad}{\quad}$	<p><b>c</b></p>  $\frac{\quad}{\quad} = \frac{\quad}{\quad}$

- 6** Last Friday, Ray went home with his cousin Jewel after school. They took the city bus to Jewel's house. It costs \$1.65 to ride the bus. Ray had 5 quarters, a dime, and 3 nickels. How much more money did he need to ride the bus? Show all your work.

**a** How much did it cost Ray and Jewel to ride the bus in all? Show all your work.

- 7** Ray's school is 1.7 miles from his house. He walks to and from school every day. How many miles does he walk each day? Show all your work.

**a** **CHALLENGE** How many miles does he walk in a 5-day school week? Show all your work.

