

P6/1

Nickname:

N#:

Convert fractions to decimals.

$$\frac{614}{100} =$$

$$\frac{5,273}{1000} =$$

$$8\frac{3}{200} =$$

$$7\frac{6}{25} =$$

$$\frac{11}{125} =$$

$$2\frac{1}{5} =$$

Arrange in descending order:

a. <sup>a</sup> 3.14 ; <sup>b</sup> 3.5 ; <sup>c</sup> 3.118 ; <sup>d</sup> 31.4 ; <sup>e</sup> 31.094

b. <sup>a</sup> 0.19 ; <sup>b</sup> 0.109 ; <sup>c</sup> 0.099 ; <sup>d</sup> 0.99 ; <sup>e</sup> 0.295

Write the numeral of these decimal numbers

Seven and thirty-five hundredths:

Forty and nine thousandths:

One and two tenths:

Eighty one and two hundred fifteen thousandths:

What number do you make?

Put 7 in the hundredths, 3 in the tens, 2 in the ones, 4 in the tens and 5 in the hundreds.

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Put 2 in the hundredths place, 1 in the ones place, 9 in the tenths place and the hundreds place and 2 in the tens place:

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### Expanded form

$$20 + 0.006 + 600 + 0.4 + 8 + 9,000 =$$

$$0.05 + 600 + 5 + 0.7 + 3000 =$$

### Multiply by power of 10

$$65.32 \times 1,000 =$$

$$90.4 \times 1,000 =$$

$$0.0394 \times 10 =$$

$$\underline{\hspace{2cm}} \times 100 = 35.65$$

$$2.17 \times 100 =$$

$$0.00047 \times \underline{\hspace{2cm}} = 0.47$$

$$1.02402 \times 10,000 =$$

$$\underline{\hspace{2cm}} \times 100,000 = 235.61$$

### Divide by power of 10

$$78.3 \div 0.01 =$$

$$430.3 \div 0.001 =$$

$$7,023 \div 0.001 =$$

$$7.51 \div \underline{\hspace{2cm}} = 0.0751$$

$$7.6 \div 0.1 =$$

$$\underline{\hspace{2cm}} \div 100 = 6.149$$

### Percentage

What is 16% of 34?

15.33 is 21% of what number?

What percentage of 512 is 41 ?

(answer round it to the nearest hundredths)