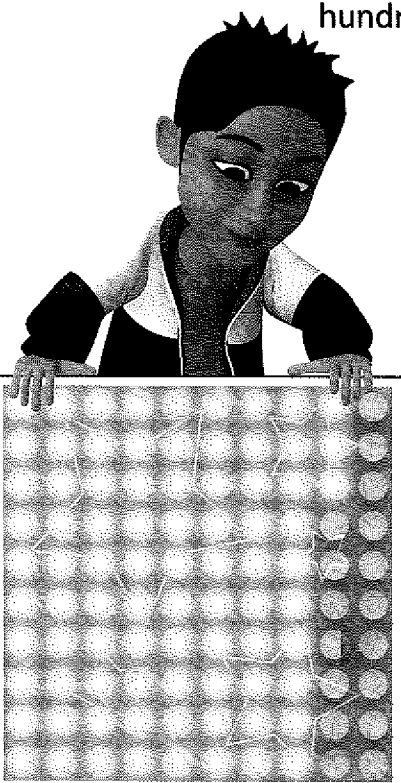


Name _____

Solve & Share

Juan is competing in a game show. Every time he answers a question correctly, a bulb lights up. Shown below is what the board looks like at the end of the show. How could you describe Juan's score? **Solve this problem any way you choose.**

You can connect mathematical ideas. Look for ways to connect the light bulbs with a hundredths grid. **Show your work in the space below!**



Lesson 1-7

Decimal Place Value

TEKS 4.2B Represent the value of the digit in whole numbers through 1,000,000,000 and decimals to the hundredths using expanded notation and numerals. Also, 4.2A, 4.2E.
Mathematical Process Standards 4.1B, 4.1C, 4.1D, 4.1F, 4.1G

Digital Resources at PearsonTexas.com

Solve	Learn	Glossary	Check	Tools	Games

Look Back!

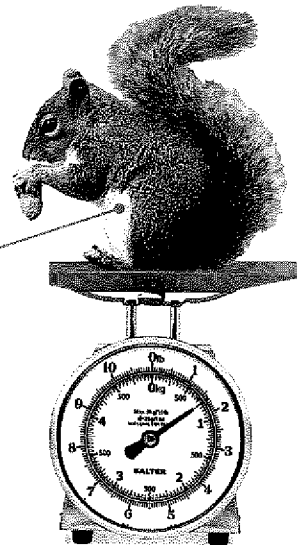
Justify How does a hundredths grid relate to a decimal place-value chart?

What Are Some Ways to Represent Decimals?

A squirrel can weigh 1.64 pounds.
Write 1.64 in expanded form,
standard form, and word form.



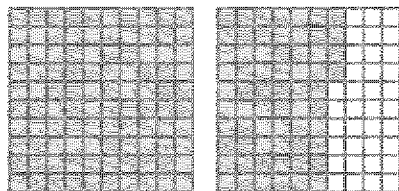
1.64
pounds



Decimal place-value positions are related the same way that whole number place-value positions are related.

Use a decimal model.

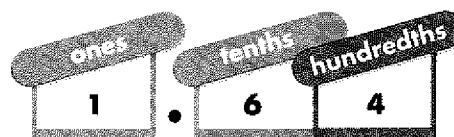
One Way



Expanded form: $1 + 0.6 + 0.04$
Standard form: 1.64
Word form: one and sixty-four hundredths

Use a place-value chart.

Another Way



Expanded form: $1 + 0.6 + 0.04$
Standard form: 1.64
Word form: one and sixty-four hundredths

Do You Understand?

Convince Me! How would the decimal model for 1.04 look different from 1.64 shown above? Draw to explain.

