

Name _____

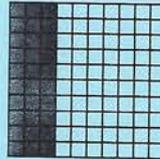
Decimal Place Value

A grid can be used to show tenths and hundredths. To show 0.3, you would shade 3 out of the 10 parts.



0.3
3 out of 10
parts are
shaded.

To show 0.30, you would shade 30 out of the 100 parts.



0.30
30 out of 100
parts are
shaded.

One part of the hundredths grid can be compared to a penny, since one part of the grid is equal to 0.01 and a penny is equal to one hundredth of a dollar.

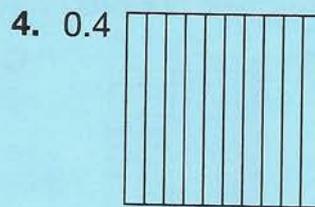
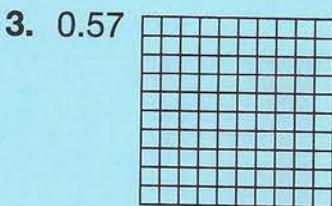
Tenths and hundredths are related. In the above examples, 3 tenths or 30 hundredths of the grids are shaded, or 0.3 and 0.30. These numbers are equal: $0.3 = 0.30$.

Write the word form and decimal for each shaded part.





Shade each grid to show the decimal.



5. **Number Sense** Which is greater, 0.04 or 0.4? Explain.

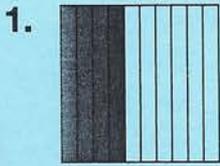
Name _____

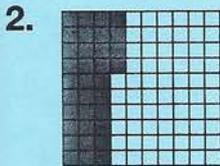
Practice

12-1

Decimal Place Value

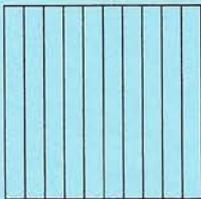
Write the word form and decimal for each shaded part.



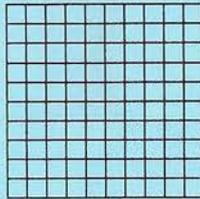


For each fact, shade a grid to show the part of the population of each country that lives in cities.

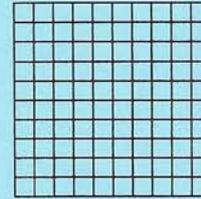
3. In Jamaica, 0.5 of the people live in cities.



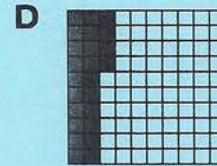
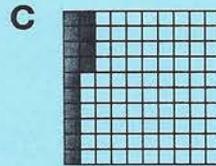
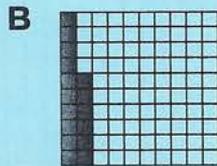
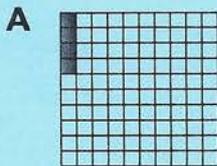
4. Only 0.11 of the population of Uganda live in cities.



5. In Norway, 0.72 of the people live in cities.



6. Which grid shows fourteen hundredths?



7. **Writing to Explain** Explain why one column in a hundredths grid is equal to one column in a tenths grid.

