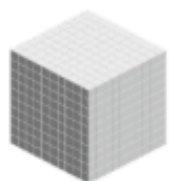


Worksheet 1

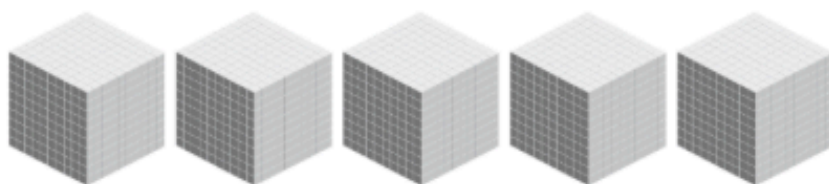
Writing Decimals



stands for 1.

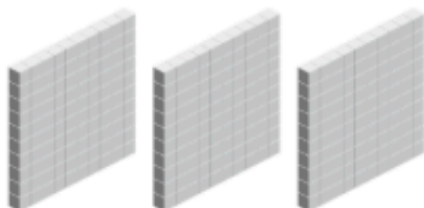
1 What number does each of the following show? Write in numerals.

(a)



5

(b)



0.3

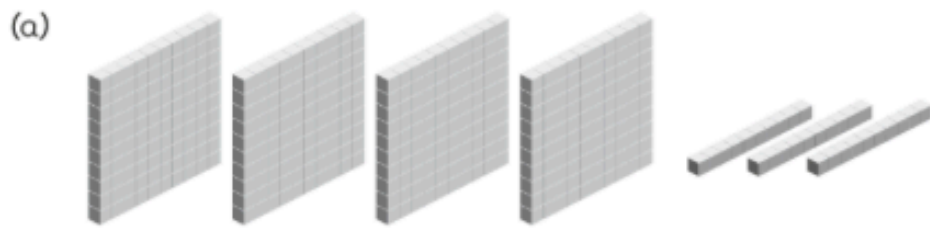


0.1

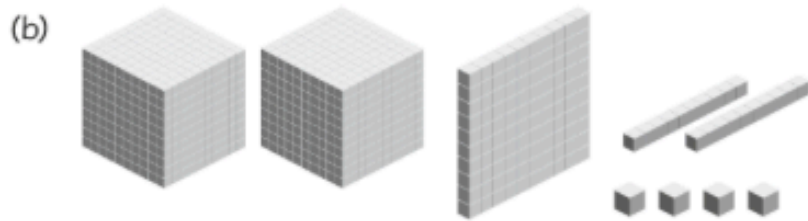


0.006

2 Write each of the following as a decimal.




0.43





2.124


CHALLENGE

Match each description to the correct number.

My number has the same amount of tens and tenths.  Teddy

My number has one decimal place.  Amir

My number has two hundredths.  Rosie

My number has six tenths.  Eva

46.2 2.64 46.02 40.46

$2.25 = 2$ ones, 2 tenths and 5 hundredths.

Can you write the following numbers in at least three different ways?

23.7

2.37

9.08

0.98

Amir says,


To convert a fraction to a decimal, take the numerator and put it after the decimal point.


E.g. $\frac{21}{100} = 0.21$


Write two examples of converting fractions to decimals to prove this does not always work.


Answers below: 

Match each description to the correct number.

 My number has the same amount of tens and tenths.

 My number has one decimal place.

 My number has two hundredths.

 My number has six tenths.

Teddy - 40.46
 Amir - 46.2
 Rosie - 46.02
 Eva - 2.64

46.2

2.64

46.02

40.46

2.25 = 2 ones, 2 tenths and 5 hundredths.


Can you write the following numbers in at least three different ways?

23.7

2.37

9.08

0.98

Amir says,  To convert a fraction to a decimal, take the numerator and put it after the decimal point.
 E.g. $\frac{21}{100} = 0.21$

Write two examples of converting fractions to decimals to prove this does not always work.

Possible answer: Children may represent it in words, decimals, fractions, expanded form but also by partitioning the number in different ways.

Possible answers could include $\frac{1}{100}$ is not equal to 0.1