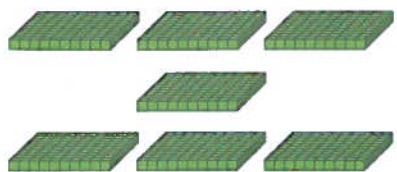


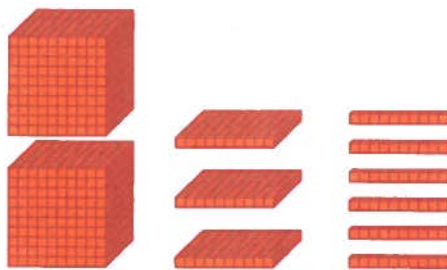
Connect

- Numbers with tenths and hundredths can be written as decimals.



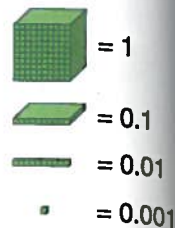
$$\frac{7}{10} \quad 0.7$$

seven-tenths



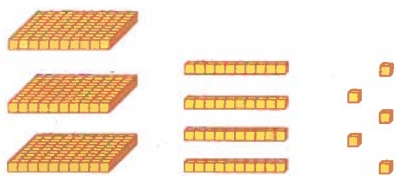
$$2\frac{36}{100} \quad 2.36$$

two and thirty-six hundredths



Remember to read the decimal point as "and."

- Numbers with **thousandths** can also be written as decimals.



$$\frac{345}{1000} \quad 0.345$$

three hundred forty-five thousandths



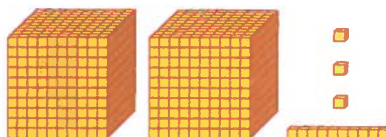
$$\frac{21}{1000} \quad 0.021$$

twenty-one thousandths



$$\frac{8}{1000} \quad 0.008$$

eight-thousandths



$$2\frac{13}{1000} \quad 2.013$$

two and thirteen-thousandths

- You can extend the place-value chart to show decimals with thousandths. Write 3.248 in a place-value chart.

Tens	Ones	Tenths	Hundredths	Thousandths	Ten Thousandths	Hundred Thousandths
	3	2	4	8		

The place-value chart can be extended to more places to the right to show smaller fractional parts.

- You can write decimals in expanded form.
- $$3.248 = 3 \text{ ones} + 2 \text{ tenths} + 4 \text{ hundredths} + 8 \text{ thousandths}$$
- $$= 3 + 0.2 + 0.04 + 0.008$$