Name __Key__
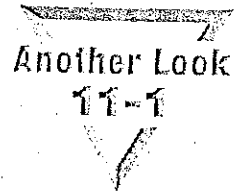
Reading and Writing Decimals

You see decimals every day. Money amounts are often written as decimals.

$2.43 is read "2 __dollars__ and 43 __cents__."

To read the same decimal as a non-money amount, drop "dollars" and change "cents" to "hundredths."

2.43 is read as "2 and 43 __hundredths__."

If there is only one number after the decimal point, use "tenths" instead of "hundredths."

2.4 is read as "2 and 4 __tenths__."

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1. $4.57 is read as "4 __dollars__ and 57 __cents__."
2. 4.57 is read as "4 __and__ 57 __hundredths__."
3. 4.5 is read as "4 __and__ 5 __tenths__."

Write the word name for each decimal.

4. 3.65 __3 and 65 hundredths__
5. 4.39 __4 and 39 hundredths__
6. 17.1 __17 and 1 tenth__
7. 21.35 __21 and 35 hundredths__
8. 142.6 __142 and 6 tenths__
9. 67.35 __67 and 35 hundredths__

Write the decimal for each word name.

10. 4 and 6 tenths __4.6__

11. 3 and 44 hundredths __3.44__

12. 42 and 1 tenth __42.1__

13. 6 and 52 hundredths __6.52__

14. 7 and 9 tenths __7.9__

15. 4 and 98 hundredths __4.98__

Match.

	whole part			fraction part		
	hundreds	tens	ones	tenths	hundredths	thousandths
a)		2	5	3		
b)		2	5	0	3	
c)		2	5	0	0	3
d)	4	6	7			
e)		4	6	7		
f)			4	6	7	
g)				4	6	7
h)			8			
i)				8		
j)				0	8	
k)				0	0	8

_b_ twenty-five and three hundredths 25.03

_a_ twenty-five and three tenths 25.3

_c_ twenty-five and three thousandths 25.003

_f_ four and sixty-seven hundredths 4.67

_d_ four hundred sixty-seven 467

_g_ four hundred sixty-seven thousandths 0.467

_e_ forty-six and seven tenths 46.7

_i_ eight tenths 0.8

_k_ eight thousandths 0.008

_h_ eight 8

_j_ eight hundredths 0.08

Put each number in the place value chart.
Use the tips in the thought bubbles below.

"And" helps you locate the decimal point.

A last word ending in "ths" names the last fraction place in the number.

one and seven tenths

one and seven hundredths

one and seven thousandths

ten and seven thousandths

ten and seven hundredths

seventeen

Numbers without "and" belong entirely to the left or right of the decimal point.

seventeen hundredths

seventeen thousandths

	whole part			fraction part		
	hundreds	tens	ones	tenths	hundredths	thousandths
			1	7		
			1	0	7	
			1	0	0	7
		1	0	0	0	7
		1	0	0	7	
		1	7			
			0	1	7	
			0	0	1	7

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