

Decimal Place Value

4th Grade

Tenths and hundredths lined up with whole numbers, plus money as the anchor.

TENS

3

10

ONES

6

1

.

TENTHS

4

0.1

HUNDREDTHS

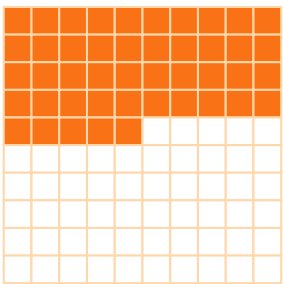
5

0.01

SEE IT



$0.4 = \text{four tenths} = 4/10$



$0.45 = \text{forty-five hundredths} = 45/100$

Money helps: £0.45 is 45 pennies out of 100.

Line up the decimal points before adding or comparing.

DECIMALS, FRACTIONS & MONEY

0.1	= $1/10$	10p / a dime
0.25	= $1/4$	25p / a quarter
0.5	= $1/2$	50p / half a dollar
0.75	= $3/4$	75p / three quarters

COMPARING

Give both numbers the same number of decimal places first: $0.7 = 0.70$, so $0.70 > 0.65$.