WORKED EXAMPLE

I have noticed that	there is 1 whole beadstring with 45 beads showing and some covered.
I know that	there are 100 beads on the beadstring. The beadstring is divided into 100 equal parts. Each bead is 1 hundredth of the whole.
I know that	**1 hundredth** can be written as a **fraction** $\frac{1}{100}$ or as a **decimal 0.01**.
I know that	45 beads are showing so that is 45 hundredths ($\frac{45}{100}$ or 0.45) of the beadstring.
If I know that	0.45 of the whole is showing then I also know 0.55 is covered.
I know that	0.45 and 0.55 are complements to 1 whole.

decimal fraction whole tenths hundredths complement

REHEARSE

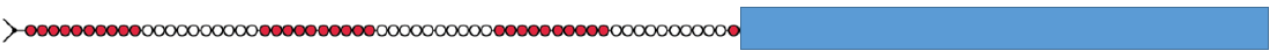
___ beads are showing. That is ___ hundredths of the whole beadstring.

That is $\frac{\_\_\_}{100}$ or 0.___.

___ beads are not showing. That is ___ hundredths of the whole beadstring.

That is $\frac{\_\_\_}{100}$ or 0.___.

_____ and _____ are complements to 1 whole.



___ beads are showing. That is ___ hundredths of the whole beadstring.

That is $\frac{\_\_\_}{100}$ or 0.___.

___ beads are not showing. That is ___ hundredths of the whole beadstring.

That is $\frac{\_\_\_}{100}$ or 0.___.

_____ and _____ are complements to 1 whole.

APPLY AND EXPLORE

Use what you know about complements to 1 whole to answer the following questions.

0.32 and _____ are complements to 1 whole.

_____ and 0.25 are complements to 1 whole.

9 hundredths and ____hundredths equal 1 whole.

____hundredths and 58 hundredths equal 1 whole.

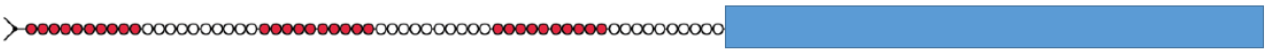
$\frac{41}{100} + \frac{\quad}{100} = 1$

$\frac{\quad}{100} + \frac{83}{100} = 1$

0.93 + _____ = 1

_____ + 0.06 = 1

APPLY AND EXPLORE



If 60 out of 100 beads were showing, 40 beads would be hidden.

How else can you express that?

Use examples from above. Can you make a link to tenths?

APPLY AND EXPLORE

Each **row**, **column** and **diagonal** totals the **same value**. What are the missing numbers?

0.1		0.27
0.37	0.2	
	0.17	0.3