

Luna's Space Adventure

Name _____

Grade 4 · Decimals to hundredths · 4.NF.C.6

Date _____



Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

Write it as a decimal Tenths go one place after the point, hundredths two.

$$86/100 = \underline{\hspace{2cm}} \qquad 1 \text{ and } 7/10 = \underline{\hspace{2cm}}$$

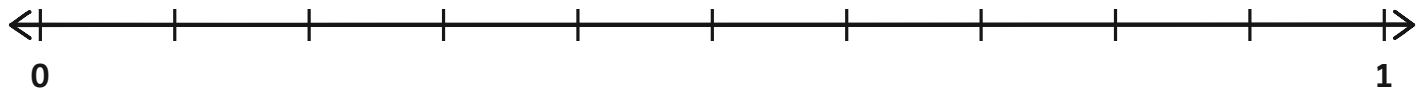
$$2 \text{ and } 31/100 = \underline{\hspace{2cm}} \qquad 3 \text{ and } 8/10 = \underline{\hspace{2cm}}$$

$$1 \text{ and } 5/100 = \underline{\hspace{2cm}} \qquad 2 \text{ and } 6/10 = \underline{\hspace{2cm}}$$

$$82/100 = \underline{\hspace{2cm}} \qquad 1 \text{ and } 4/10 = \underline{\hspace{2cm}}$$

$$1 \text{ and } 23/100 = \underline{\hspace{2cm}} \qquad 3 \text{ and } 5/10 = \underline{\hspace{2cm}}$$

On the number line Mark 0.6 and 0.7.



Money is hundredths Write each amount of dollars as a decimal.

$$180 \text{ cents} = \$ \underline{\hspace{2cm}} \qquad 62 \text{ cents} = \$ \underline{\hspace{2cm}}$$

$$18 \text{ cents} = \$ \underline{\hspace{2cm}} \qquad 337 \text{ cents} = \$ \underline{\hspace{2cm}}$$

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ANSWER KEY

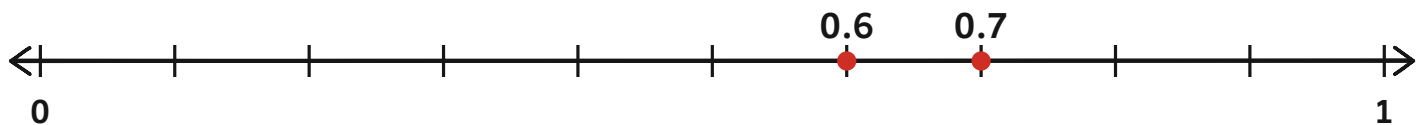


Astronaut Luna is exploring a far-off corner of space. Solve each problem to help Luna's mission go smoothly!

Write it as a decimal Tenth's go one place after the point, hundredths two.

$86/100 =$	<u>0.86</u>	$1 \text{ and } 7/10 =$	<u>1.7</u>
$2 \text{ and } 31/100 =$	<u>2.31</u>	$3 \text{ and } 8/10 =$	<u>3.8</u>
$1 \text{ and } 5/100 =$	<u>1.05</u>	$2 \text{ and } 6/10 =$	<u>2.6</u>
$82/100 =$	<u>0.82</u>	$1 \text{ and } 4/10 =$	<u>1.4</u>
$1 \text{ and } 23/100 =$	<u>1.23</u>	$3 \text{ and } 5/10 =$	<u>3.5</u>

On the number line Mark 0.6 and 0.7.



Money is hundredths Write each amount of dollars as a decimal.

$180 \text{ cents} = \$$	<u>1.80</u>	$62 \text{ cents} = \$$	<u>0.62</u>
$18 \text{ cents} = \$$	<u>0.18</u>	$337 \text{ cents} = \$$	<u>3.37</u>

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GUIDE

① What this sheet practises

Writing tenths and hundredths as decimals: $7/10$ is 0.7 and $63/100$ is 0.63. Your child also marks decimals on a number line and writes cents as dollars.

② A problem from the sheet, worked out

Write it as a decimal Tenths go one place after the point, hundredths two.

$86/100 =$	<u>0.86</u>	$1 \text{ and } 7/10 =$	<u>1.7</u>
$2 \text{ and } 31/100 =$	<u>2.31</u>	$3 \text{ and } 8/10 =$	<u>3.8</u>
$1 \text{ and } 5/100 =$	<u>1.05</u>	$2 \text{ and } 6/10 =$	<u>2.6</u>
$82/100 =$	<u>0.82</u>	$1 \text{ and } 4/10 =$	<u>1.4</u>
$1 \text{ and } 23/100 =$	<u>1.23</u>	$3 \text{ and } 5/10 =$	<u>3.5</u>

How: Tenths take one place after the decimal point, hundredths take two. $6/100$ is 0.06: the 0 holds the tenths place.

③ Words to know

decimal point the dot between wholes and parts

tenths place the first place after the point

hundredths place the second place after the point

decimal a number written with a decimal point

④ Watch for

- Writing $6/100$ as 0.6 instead of 0.06.
- Writing 184 cents as \$18.4 instead of \$1.84.
- Counting ticks instead of spaces between 0 and 1 on the number line.

⑤ Where it fits

BEFORE

4.NF.C.5

Add fractions with denominators of 10 and 100.

THIS SHEET

4.NF.C.6

Write tenths and hundredths as decimals.

NEXT

5.NBT.A.3

Read, write and compare decimals to thousandths.

⑥ Helping at home

Read prices together: \$2.45 is 2 dollars and 45 hundredths of a dollar. Then write a few cent amounts, like 305 cents, as dollars.