

4.NF.C.6 Convert Decimals into Fractions (and vice versa)

4.NF.C.6: Use decimal notation for fractions with denominators 10 or 100.

Give what is asked in each item. Write your answers on the space provided.

Write each decimal as a fraction.

Ones	.	Tenths	Hundredths
0	.	2	6

Ones	.	Tenths	Hundredths
0	.	7	9

0.45

0.34

0.54

0.89

0.32

Write each fraction as a decimal.

$\frac{46}{100}$

$\frac{20}{100}$

$\frac{36}{100}$

$\frac{51}{100}$

$\frac{98}{100}$

Read and solve.

A certain company surveyed 100 people. Of all the people surveyed, 57 suggest a new design for their product. What portion of the people surveyed suggest a new design? Write your answer in decimal and in expanded form.

Which decimal below shows five hundredths?

a. 0.05

c. 5.00

b. 0.50

d. 0.005

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Answer Key

4.NF.C.6: Use decimal notation for fractions with denominators 10 or 100.

Give what is asked in each item. Write your answers on the space provided.

Write each decimal as a fraction.

Ones	.	Tenths	Hundredths
0	.	2	6

$$\frac{26}{100}$$

Ones	.	Tenths	Hundredths
0	.	7	9

$$\frac{79}{100}$$

$$\frac{0.45}{\frac{45}{100}}$$

$$\frac{0.34}{\frac{34}{100}}$$

$$\frac{0.54}{\frac{54}{100}}$$

$$\frac{0.89}{\frac{89}{100}}$$

$$\frac{0.32}{\frac{32}{100}}$$

Write each fraction as a decimal.

$$\frac{46}{100} = 0.46$$

$$\frac{20}{100} = 0.2$$

$$\frac{36}{100} = 0.36$$

$$\frac{51}{100} = 0.51$$

$$\frac{98}{100} = 0.98$$

Read and solve.

A certain company surveyed 100 people. Of all the people surveyed, 57 suggest a new design for their product. What portion of the people surveyed suggest a new design? Write your answer in decimal and in expanded form.

$$0.57$$

$$0.5 + 0.07$$

Which decimal below shows five hundredths? a.

a. 0.05

c. 5.00

b. 0.50

d. 0.005