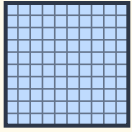


Tenths and Hundredths

Write each shaded part as a fraction and as a decimal.

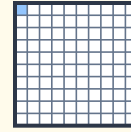
Remember



1 whole is
10 tenths or
100 hundredths



1 tenth = $\frac{1}{10} = 0.1$



1 hundredth
= $\frac{1}{100} = 0.01$

Tenths: each strip is 1 whole cut into 10 equal parts.

Example



$$\frac{4}{10} = 0.4$$

1.



$$\frac{\quad}{10} = \underline{\quad}$$

2.



$$\frac{\quad}{10} = \underline{\quad}$$

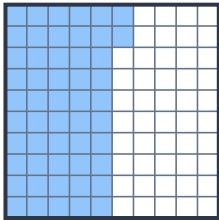
3.



$$\frac{\quad}{10} = \underline{\quad}$$

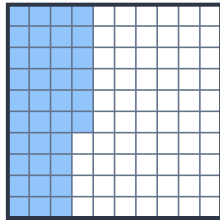
Hundredths: each grid is 1 whole cut into 100 equal parts.

4.



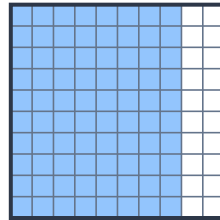
$$\frac{\quad}{100} = \underline{\quad}$$

5.



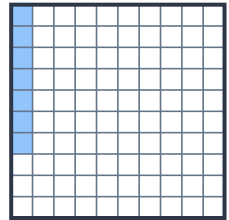
$$\frac{\quad}{100} = \underline{\quad}$$

6.



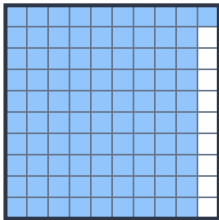
$$\frac{\quad}{100} = \underline{\quad}$$

7.



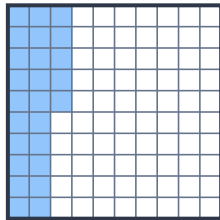
$$\frac{\quad}{100} = \underline{\quad}$$

8.



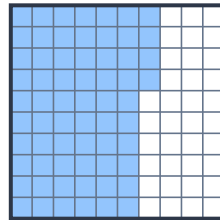
$$\frac{\quad}{100} = \underline{\quad}$$

9.



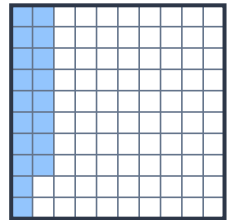
$$\frac{\quad}{100} = \underline{\quad}$$

10.



$$\frac{\quad}{100} = \underline{\quad}$$

11.



$$\frac{\quad}{100} = \underline{\quad}$$

Tenths and Hundredths

Dimes are tenths of a dollar. Pennies are hundredths.

A dollar is 1 whole



1 dollar
= \$1.00



1 dime = $\frac{1}{10}$
of a dollar = \$0.10



1 penny = $\frac{1}{100}$
of a dollar = \$0.01

Write each amount as a fraction of a dollar and as a decimal.

Example



46

100

= \$ 0.46

1.



100

= \$ _____

2.



100

= \$ _____

3.



100

= \$ _____

4.



100

= \$ _____

5.



100

= \$ _____

Make each amount with the fewest dollars, dimes, and pennies.

Amount	Dollars	Dimes	Pennies
Example \$0.36	0	3	6
\$0.70	_____	_____	_____
\$0.07	_____	_____	_____
\$1.45	_____	_____	_____
\$2.09	_____	_____	_____

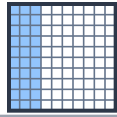
Tenths and Hundredths

Tenths are hundredths too: $\frac{3}{10} = \frac{30}{100}$.

Write the missing numbers.

Example

$$\frac{3}{10} = \frac{30}{100}$$



$$1. \quad \frac{4}{10} = \frac{\boxed{}}{100}$$

$$2. \quad \frac{\boxed{}}{10} = \frac{60}{100}$$

$$3. \quad 5 \text{ tenths} = \underline{\hspace{2cm}} \text{ hundredths}$$

$$4. \quad 90 \text{ hundredths} = \underline{\hspace{2cm}} \text{ tenths}$$

$$5. \quad 0.7 = \frac{\boxed{}}{100}$$

Add. Change the tenths to hundredths first.

Example

$$\frac{3}{10} + \frac{4}{100} = \frac{30}{100} + \frac{4}{100} = \frac{34}{100} = \underline{0.34}$$

$$6. \quad \frac{6}{10} + \frac{25}{100} = \frac{\boxed{}}{100} + \frac{25}{100} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$$

$$7. \quad \frac{2}{10} + \frac{9}{100} = \frac{\boxed{}}{100} + \frac{9}{100} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$$

$$8. \quad \frac{8}{10} + \frac{35}{100} = \frac{\boxed{}}{100} + \frac{35}{100} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$$

Write each fraction as tenths or hundredths, then as a decimal.

$$9. \quad \frac{1}{2} = \frac{\boxed{}}{10} = \underline{\hspace{2cm}}$$

$$10. \quad \frac{1}{4} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$$

$$11. \quad \frac{3}{4} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$$

$$12. \quad \frac{1}{5} = \frac{\boxed{}}{10} = \underline{\hspace{2cm}}$$

$$13. \quad \frac{3}{5} = \frac{\boxed{}}{10} = \underline{\hspace{2cm}}$$

$$14. \quad \frac{4}{5} = \frac{\boxed{}}{10} = \underline{\hspace{2cm}}$$

Tenths and Hundredths

Read decimals on number lines and in a place value chart.

Name each point. Then mark the number with a dot.

1.  A = _____ B = _____
Put a dot at 0.6.

2.  C = _____ D = _____
Put a dot at 2.2.

3.  E = _____ F = _____
Put a dot at 0.46.

Fill in the chart and the expanded form.

Number	Tens	Ones	•	Tenths	Hundredths	Expanded Form
Example 3.25		3	•	2	5	<u>$3 + 0.2 + 0.05$</u>
14.6			•			<u> </u>
0.08			•			<u> </u>
<u> </u>			•			<u>$20 + 7 + 0.5 + 0.03$</u>

Write 0.1 more, 0.1 less, 0.01 more, and 0.01 less.

Number	0.1 more	0.1 less	0.01 more	0.01 less
Example 0.45	0.55	0.35	0.46	0.44
2.38				
0.6				
1.09				

Tenths and Hundredths

Compare decimals with $>$, $<$, or $=$. Then put them in order.

Compare the shaded parts. Write $>$, $<$, or $=$.

Example 0.4 0.38	1. 0.7 0.70	2. 0.09 0.1
--	---	---

Write $>$, $<$, or $=$ in each circle.

3. 0.5 ○ 0.45 4. 0.06 ○ 0.6 5. 0.32 ○ 0.3 6. 0.80 ○ 0.8	7. 1.2 ○ 0.98 8. 0.7 ○ 0.71 9. 2.41 ○ 2.14 10. 3.05 ○ 3.5
---	---

Is each decimal closest to 0, 0.5, or 1? Circle it.



11. 0.08 0 0.5 1	12. 0.46 0 0.5 1	13. 0.93 0 0.5 1
14. 0.6 0 0.5 1	15. 0.15 0 0.5 1	16. 0.85 0 0.5 1

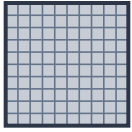
Write the decimals in order from least to greatest.

17. 0.6 0.06 0.65 0.56 $\rightarrow$ _____, _____, _____, _____
18. 1.3 0.97 1.03 0.79 $\rightarrow$ _____, _____, _____, _____

Tenths and Hundredths

Write each shaded part as a fraction and as a decimal.

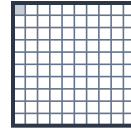
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Tenths: each strip is 1 whole cut into 10 equal parts.

Example



$$\frac{4}{10} = 0.4$$

1.



$$\frac{\quad}{10} = \underline{\quad}$$

2.



$$\frac{\quad}{10} = \underline{\quad}$$

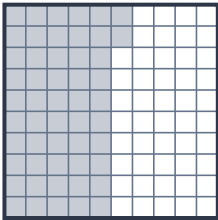
3.



$$\frac{\quad}{10} = \underline{\quad}$$

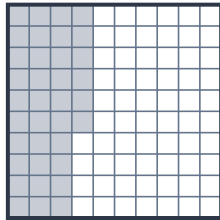
Hundredths: each grid is 1 whole cut into 100 equal parts.

4.



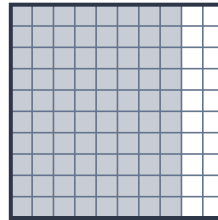
$$\frac{\quad}{100} = \underline{\quad}$$

5.



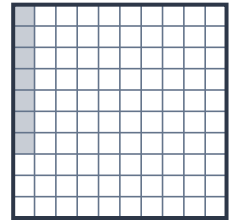
$$\frac{\quad}{100} = \underline{\quad}$$

6.



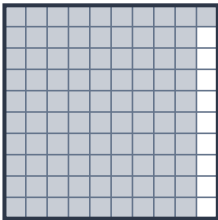
$$\frac{\quad}{100} = \underline{\quad}$$

7.



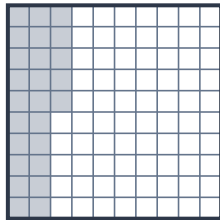
$$\frac{\quad}{100} = \underline{\quad}$$

8.



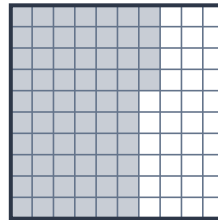
$$\frac{\quad}{100} = \underline{\quad}$$

9.



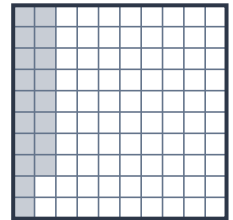
$$\frac{\quad}{100} = \underline{\quad}$$

10.



$$\frac{\quad}{100} = \underline{\quad}$$

11.



$$\frac{\quad}{100} = \underline{\quad}$$

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of a dollar = \$0.10



1 penny = $\frac{1}{100}$
of a dollar = \$0.01

Write each amount as a fraction of a dollar and as a decimal.

Example



46

100

= \$ 0.46

1.



100

= \$ _____

2.



100

= \$ _____

3.



100

= \$ _____

4.



100

= \$ _____

5.



100

= \$ _____

Make each amount with the fewest dollars, dimes, and pennies.

Amount	Dollars	Dimes	Pennies
Example \$0.36	0	3	6
\$0.70	_____	_____	_____
\$0.07	_____	_____	_____
\$1.45	_____	_____	_____
\$2.09	_____	_____	_____

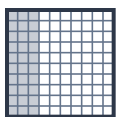
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Tenths are hundredths too: $\frac{3}{10} = \frac{30}{100}$.

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$$\frac{3}{10} = \frac{30}{100}$$



$$1. \quad \frac{4}{10} = \frac{\boxed{}}{100}$$

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$$5. \quad 0.7 = \frac{\boxed{}}{100}$$

Add. Change the tenths to hundredths first.

Example

$$\frac{3}{10} + \frac{4}{100} = \frac{30}{100} + \frac{4}{100} = \frac{34}{100} = \underline{0.34}$$

$$6. \quad \frac{6}{10} + \frac{25}{100} = \frac{\boxed{}}{100} + \frac{25}{100} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$$

$$7. \quad \frac{2}{10} + \frac{9}{100} = \frac{\boxed{}}{100} + \frac{9}{100} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$$

$$8. \quad \frac{8}{10} + \frac{35}{100} = \frac{\boxed{}}{100} + \frac{35}{100} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$$

Write each fraction as tenths or hundredths, then as a decimal.

$$9. \quad \frac{1}{2} = \frac{\boxed{}}{10} = \underline{\hspace{2cm}}$$

$$10. \quad \frac{1}{4} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$$

$$11. \quad \frac{3}{4} = \frac{\boxed{}}{100} = \underline{\hspace{2cm}}$$

$$12. \quad \frac{1}{5} = \frac{\boxed{}}{10} = \underline{\hspace{2cm}}$$

$$13. \quad \frac{3}{5} = \frac{\boxed{}}{10} = \underline{\hspace{2cm}}$$

$$14. \quad \frac{4}{5} = \frac{\boxed{}}{10} = \underline{\hspace{2cm}}$$

Tenths and Hundredths

Read decimals on number lines and in a place value chart.

Name each point. Then mark the number with a dot.

1.



A = _____ B = _____

Put a dot at 0.6.

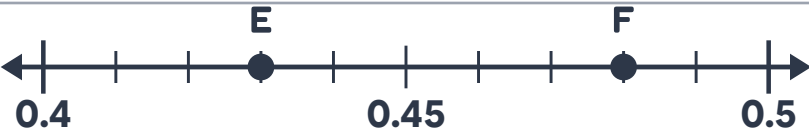
2.



C = _____ D = _____

Put a dot at 2.2.

3.



E = _____ F = _____

Put a dot at 0.46.

Fill in the chart and the expanded form.

Number	Tens	Ones	•	Tenths	Hundredths	Expanded Form
Example 3.25		3	•	2	5	<u>3 + 0.2 + 0.05</u>
14.6			•			_____
0.08			•			_____
_____			•			20 + 7 + 0.5 + 0.03

Write 0.1 more, 0.1 less, 0.01 more, and 0.01 less.

Number	0.1 more	0.1 less	0.01 more	0.01 less
Example 0.45	0.55	0.35	0.46	0.44
2.38				
0.6				
1.09				

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(4)

Tenths and Hundredths

Compare decimals with $>$, $<$, or $=$. Then put them in order.

Compare the shaded parts. Write $>$, $<$, or $=$.

Example 0.4 0.38	1. 0.7 0.70	2. 0.09 0.1
--	---	---

Write $>$, $<$, or $=$ in each circle.

3. 0.5 ○ 0.45 4. 0.06 ○ 0.6 5. 0.32 ○ 0.3 6. 0.80 ○ 0.8	7. 1.2 ○ 0.98 8. 0.7 ○ 0.71 9. 2.41 ○ 2.14 10. 3.05 ○ 3.5
---	---

Is each decimal closest to 0, 0.5, or 1? Circle it.



11. 0.08 0 0.5 1	12. 0.46 0 0.5 1	13. 0.93 0 0.5 1
14. 0.6 0 0.5 1	15. 0.15 0 0.5 1	16. 0.85 0 0.5 1

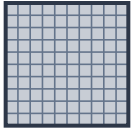
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17. 0.6 0.06 0.65 0.56 $\rightarrow$ _____, _____, _____, _____
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Tenths and Hundredths

Write each shaded part as a fraction and as a decimal.

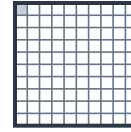
Remember



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10 tenths or
100 hundredths



1 tenth = $\frac{1}{10} = 0.1$



1 hundredth
= $\frac{1}{100} = 0.01$

Tenths: each strip is 1 whole cut into 10 equal parts.

Example



$$\frac{4}{10} = 0.4$$

1.



$$\frac{7}{10} = 0.7$$

2.



$$\frac{2}{10} = 0.2$$

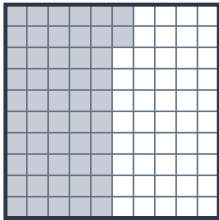
3.



$$\frac{9}{10} = 0.9$$

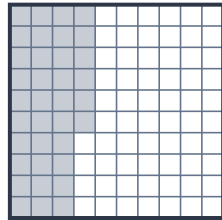
Hundredths: each grid is 1 whole cut into 100 equal parts.

4.



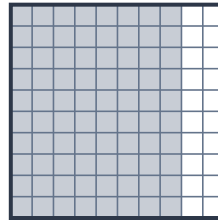
$$\frac{52}{100} = 0.52$$

5.



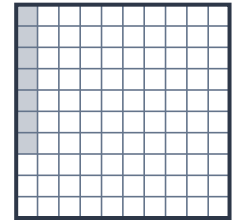
$$\frac{36}{100} = 0.36$$

6.



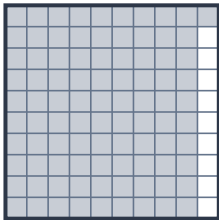
$$\frac{80}{100} = 0.80$$

7.



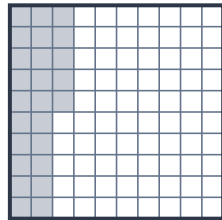
$$\frac{7}{100} = 0.07$$

8.



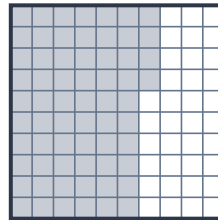
$$\frac{91}{100} = 0.91$$

9.



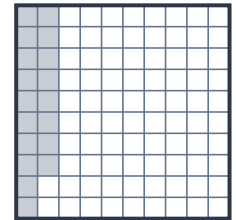
$$\frac{25}{100} = 0.25$$

10.



$$\frac{64}{100} = 0.64$$

11.



$$\frac{18}{100} = 0.18$$

Tenths and Hundredths

Dimes are tenths of a dollar. Pennies are hundredths.

A dollar is 1 whole



1 dollar
= \$1.00



1 dime = $\frac{1}{10}$
of a dollar = \$0.10



1 penny = $\frac{1}{100}$
of a dollar = \$0.01

Write each amount as a fraction of a dollar and as a decimal.

Example



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

1.



$$\frac{35}{100} = \$ \underline{0.35}$$

2.



$$\frac{62}{100} = \$ \underline{0.62}$$

3.



$$\frac{5}{100} = \$ \underline{0.05}$$

4.



$$\frac{50}{100} = \$ \underline{0.50}$$

5.



$$\frac{26}{100} = \$ \underline{0.26}$$

Make each amount with the fewest dollars, dimes, and pennies.

Amount	Dollars	Dimes	Pennies
Example \$0.36	<u>0</u>	<u>3</u>	<u>6</u>
\$0.70	<u>0</u>	<u>7</u>	<u>0</u>
\$0.07	<u>0</u>	<u>0</u>	<u>7</u>
\$1.45	<u>1</u>	<u>4</u>	<u>5</u>
\$2.09	<u>2</u>	<u>0</u>	<u>9</u>

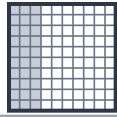
Tenths and Hundredths

Tenths are hundredths too: $\frac{3}{10} = \frac{30}{100}$.

Write the missing numbers.

Example

$$\frac{3}{10} = \frac{30}{100}$$



$$1. \quad \frac{4}{10} = \frac{40}{100}$$

$$2. \quad \frac{6}{10} = \frac{60}{100}$$

$$3. \quad 5 \text{ tenths} = \underline{50} \text{ hundredths}$$

$$4. \quad 90 \text{ hundredths} = \underline{9} \text{ tenths}$$

$$5. \quad 0.7 = \frac{70}{100}$$

Add. Change the tenths to hundredths first.

Example

$$\frac{3}{10} + \frac{4}{100} = \frac{30}{100} + \frac{4}{100} = \frac{34}{100} = \underline{0.34}$$

$$6. \quad \frac{6}{10} + \frac{25}{100} = \frac{60}{100} + \frac{25}{100} = \frac{85}{100} = \underline{0.85}$$

$$7. \quad \frac{2}{10} + \frac{9}{100} = \frac{20}{100} + \frac{9}{100} = \frac{29}{100} = \underline{0.29}$$

$$8. \quad \frac{8}{10} + \frac{35}{100} = \frac{80}{100} + \frac{35}{100} = \frac{115}{100} = \underline{1.15}$$

Write each fraction as tenths or hundredths, then as a decimal.

$$9. \quad \frac{1}{2} = \frac{5}{10} = \underline{0.5}$$

$$10. \quad \frac{1}{4} = \frac{25}{100} = \underline{0.25}$$

$$11. \quad \frac{3}{4} = \frac{75}{100} = \underline{0.75}$$

$$12. \quad \frac{1}{5} = \frac{2}{10} = \underline{0.2}$$

$$13. \quad \frac{3}{5} = \frac{6}{10} = \underline{0.6}$$

$$14. \quad \frac{4}{5} = \frac{8}{10} = \underline{0.8}$$

Tenths and Hundredths

Read decimals on number lines and in a place value chart.

Name each point. Then mark the number with a dot.

1.  A = 0.3 B = 0.8
Put a dot at 0.6.

2.  C = 2.4 D = 2.9
Put a dot at 2.2.

3.  E = 0.43 F = 0.48
Put a dot at 0.46.

Fill in the chart and the expanded form.

Number	Tens	Ones	•	Tenths	Hundredths	Expanded Form
Example 3.25		3	•	2	5	<u>3 + 0.2 + 0.05</u>
14.6	1	4	•	6		<u>10 + 4 + 0.6</u>
0.08		0	•	0	8	<u>0.08</u>
<u>27.53</u>	2	7	•	5	3	20 + 7 + 0.5 + 0.03

Write 0.1 more, 0.1 less, 0.01 more, and 0.01 less.

Number	0.1 more	0.1 less	0.01 more	0.01 less
Example 0.45	0.55	0.35	0.46	0.44
2.38	2.48	2.28	2.39	2.37
0.6	0.7	0.5	0.61	0.59
1.09	1.19	0.99	1.10	1.08

Tenths and Hundredths

Compare decimals with $>$, $<$, or $=$. Then put them in order.

Compare the shaded parts. Write $>$, $<$, or $=$.

Example 0.4 0.38	1. 0.7 0.70	2. 0.09 0.1
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Write $>$, $<$, or $=$ in each circle.

3. 0.5 $>$ 0.45	7. 1.2 $>$ 0.98
4. 0.06 $<$ 0.6	8. 0.7 $<$ 0.71
5. 0.32 $>$ 0.3	9. 2.41 $>$ 2.14
6. 0.80 $=$ 0.8	10. 3.05 $<$ 3.5

Is each decimal closest to 0, 0.5, or 1? Circle it.

11. 0.08 <u>0</u> 0.5 1	12. 0.46 0 <u>0.5</u> 1	13. 0.93 0 0.5 <u>1</u>
14. 0.6 0 <u>0.5</u> 1	15. 0.15 <u>0</u> 0.5 1	16. 0.85 0 0.5 <u>1</u>

Write the decimals in order from least to greatest.

17.	0.6	0.06	0.65	0.56	→	<u>0.06</u> , <u>0.56</u> , <u>0.6</u> , <u>0.65</u>
18.	1.3	0.97	1.03	0.79	→	<u>0.79</u> , <u>0.97</u> , <u>1.03</u> , <u>1.3</u>