

Convert each fraction to a decimal.

Answers

Ex. 0.1

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

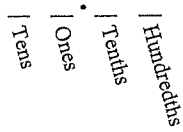
17. \_\_\_\_\_

18. \_\_\_\_\_

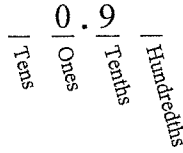
19. \_\_\_\_\_

20. \_\_\_\_\_

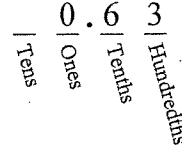
Converting from a fraction to a decimal is simple as long as you remember the place values.



The example above is nine-tenths. Lets look at how we'd write that as a decimal.



We do the same thing for the problem above only make sure we're in the hundredths place.



Ex)  $\frac{1}{10} = 0.1$

1)  $\frac{38}{100} =$  \_\_\_\_\_

2)  $\frac{5}{100} =$  \_\_\_\_\_

3)  $\frac{68}{100} =$  \_\_\_\_\_

4)  $\frac{13}{100} =$  \_\_\_\_\_

5)  $\frac{8}{10} =$  \_\_\_\_\_

6)  $\frac{19}{100} =$  \_\_\_\_\_

7)  $\frac{67}{100} =$  \_\_\_\_\_

8)  $\frac{9}{100} =$  \_\_\_\_\_

9)  $\frac{47}{100} =$  \_\_\_\_\_

10)  $\frac{2}{100} =$  \_\_\_\_\_

11)  $\frac{3}{10} =$  \_\_\_\_\_

12)  $\frac{73}{100} =$  \_\_\_\_\_

13)  $\frac{4}{10} =$  \_\_\_\_\_

14)  $\frac{3}{100} =$  \_\_\_\_\_

15)  $\frac{9}{10} =$  \_\_\_\_\_

16)  $\frac{6}{100} =$  \_\_\_\_\_

17)  $\frac{4}{100} =$  \_\_\_\_\_

18)  $\frac{2}{10} =$  \_\_\_\_\_

19)  $\frac{24}{100} =$  \_\_\_\_\_

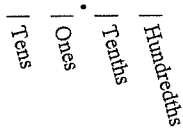
20)  $\frac{7}{10} =$  \_\_\_\_\_



Convert each fraction to a decimal.

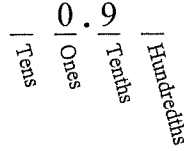
**Answers**

Converting from a fraction to a decimal is simple as long as you remember the place values.



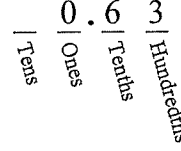
$9/10$

The example above is nine-tenths. Lets look at how we'd write that as a decimal.



$63/100$

We do the same thing for the problem above only make sure we're in the hundredths place.



- Ex. 0.7
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_
16. \_\_\_\_\_
17. \_\_\_\_\_
18. \_\_\_\_\_
19. \_\_\_\_\_
20. \_\_\_\_\_

Ex)  $\frac{7}{10} = \underline{0.7}$

1)  $\frac{8}{100} = \underline{\hspace{2cm}}$

2)  $\frac{9}{10} = \underline{\hspace{2cm}}$

3)  $\frac{52}{100} = \underline{\hspace{2cm}}$

4)  $\frac{36}{100} = \underline{\hspace{2cm}}$

5)  $\frac{64}{100} = \underline{\hspace{2cm}}$

6)  $\frac{99}{100} = \underline{\hspace{2cm}}$

7)  $\frac{6}{10} = \underline{\hspace{2cm}}$

8)  $\frac{2}{10} = \underline{\hspace{2cm}}$

9)  $\frac{4}{10} = \underline{\hspace{2cm}}$

10)  $\frac{3}{10} = \underline{\hspace{2cm}}$

11)  $\frac{7}{100} = \underline{\hspace{2cm}}$

12)  $\frac{3}{100} = \underline{\hspace{2cm}}$

13)  $\frac{9}{100} = \underline{\hspace{2cm}}$

14)  $\frac{6}{100} = \underline{\hspace{2cm}}$

15)  $\frac{18}{100} = \underline{\hspace{2cm}}$

16)  $\frac{97}{100} = \underline{\hspace{2cm}}$

17)  $\frac{1}{10} = \underline{\hspace{2cm}}$

18)  $\frac{72}{100} = \underline{\hspace{2cm}}$

19)  $\frac{4}{100} = \underline{\hspace{2cm}}$

20)  $\frac{91}{100} = \underline{\hspace{2cm}}$



Convert each decimal to a fraction.

## Answers

Converting from a decimal to a fraction is simple as long as you remember the place values.	0.9  The example above is nine-tenths. Lets look at how we'd write that as a fraction.  $\frac{9}{10}$	0.63  We do the same thing for the problem above. But because it is into the hundredths place we put our number over 100.  $\frac{63}{100}$				
<table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Tens</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Ones</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Tenths</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">Hundredths</td> </tr> </table>	Tens	Ones	Tenths	Hundredths		
Tens	Ones	Tenths	Hundredths			

- Ex.  $\frac{5}{100}$
1. \_\_\_\_\_
  2. \_\_\_\_\_
  3. \_\_\_\_\_
  4. \_\_\_\_\_
  5. \_\_\_\_\_
  6. \_\_\_\_\_
  7. \_\_\_\_\_
  8. \_\_\_\_\_
  9. \_\_\_\_\_
  10. \_\_\_\_\_
  11. \_\_\_\_\_
  12. \_\_\_\_\_
  13. \_\_\_\_\_
  14. \_\_\_\_\_
  15. \_\_\_\_\_
  16. \_\_\_\_\_
  17. \_\_\_\_\_
  18. \_\_\_\_\_
  19. \_\_\_\_\_
  20. \_\_\_\_\_

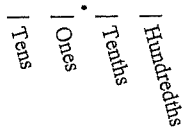
- |                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|
| Ex) $0.05 = \frac{5}{100}$            | 1) $0.1 = \underline{\hspace{1cm}}$   | 2) $0.95 = \underline{\hspace{1cm}}$  |
| 3) $0.04 = \underline{\hspace{1cm}}$  | 4) $0.6 = \underline{\hspace{1cm}}$   | 5) $0.06 = \underline{\hspace{1cm}}$  |
| 6) $0.08 = \underline{\hspace{1cm}}$  | 7) $0.45 = \underline{\hspace{1cm}}$  | 8) $0.37 = \underline{\hspace{1cm}}$  |
| 9) $0.51 = \underline{\hspace{1cm}}$  | 10) $0.20 = \underline{\hspace{1cm}}$ | 11) $0.3 = \underline{\hspace{1cm}}$  |
| 12) $0.79 = \underline{\hspace{1cm}}$ | 13) $0.41 = \underline{\hspace{1cm}}$ | 14) $0.07 = \underline{\hspace{1cm}}$ |
| 15) $0.55 = \underline{\hspace{1cm}}$ | 16) $0.22 = \underline{\hspace{1cm}}$ | 17) $0.5 = \underline{\hspace{1cm}}$  |
| 18) $0.4 = \underline{\hspace{1cm}}$  | 19) $0.9 = \underline{\hspace{1cm}}$  | 20) $0.8 = \underline{\hspace{1cm}}$  |



Convert each decimal to a fraction.

**Answers**

Converting from a decimal to a fraction is simple as long as you remember the place values.



0.9

The example above is nine-tenths. Lets look at how we'd write that as a fraction.

$$\frac{9}{10}$$

0.63

We do the same thing for the problem above. But because it is into the hundredths place we put our number over 100.

$$\frac{63}{100}$$

Ex.  $\frac{95}{100}$

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_
16. \_\_\_\_\_
17. \_\_\_\_\_
18. \_\_\_\_\_
19. \_\_\_\_\_
20. \_\_\_\_\_

Ex)  $0.95 = \frac{95}{100}$

1)  $0.79 = \underline{\hspace{2cm}}$

2)  $0.29 = \underline{\hspace{2cm}}$

3)  $0.5 = \underline{\hspace{2cm}}$

4)  $0.02 = \underline{\hspace{2cm}}$

5)  $0.78 = \underline{\hspace{2cm}}$

6)  $0.05 = \underline{\hspace{2cm}}$

7)  $0.4 = \underline{\hspace{2cm}}$

8)  $0.03 = \underline{\hspace{2cm}}$

9)  $0.7 = \underline{\hspace{2cm}}$

10)  $0.2 = \underline{\hspace{2cm}}$

11)  $0.77 = \underline{\hspace{2cm}}$

12)  $0.08 = \underline{\hspace{2cm}}$

13)  $0.1 = \underline{\hspace{2cm}}$

14)  $0.98 = \underline{\hspace{2cm}}$

15)  $0.9 = \underline{\hspace{2cm}}$

16)  $0.25 = \underline{\hspace{2cm}}$

17)  $0.36 = \underline{\hspace{2cm}}$

18)  $0.06 = \underline{\hspace{2cm}}$

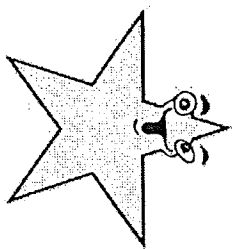
19)  $0.07 = \underline{\hspace{2cm}}$

20)  $0.3 = \underline{\hspace{2cm}}$

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

# Place Value Chart

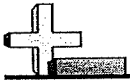
2	Hundred Billions
1	Ten Billions
0	Billions
,	
9	Hundred Millions
8	Ten Millions
7	Millions
,	
6	Hundred Thousands
5	Ten Thousands
4	Thousands
,	
3	Hundreds
2	Tens
1	Ones
.	
2	Tenths
3	Hundredths
4	Thousandths
5	Ten Thousandths
6	Hundred Thousandths



This Chart shows the place value of the number 210,987,654,321.23456  
This is how you say it.

Two hundred ten billion, nine hundred eighty seven million, six hundred fifty four thousand, three hundred twenty one, and twenty three thousand four hundred fifty six hundred thousandths.





Convert each number to expanded form.

Ex) 4.648

$$4 + \frac{6}{10} + \frac{4}{100} + \frac{8}{1000}$$

\_\_\_\_\_

1) 74.69

\_\_\_\_\_

2) 64.4

\_\_\_\_\_

3) 324.7

\_\_\_\_\_

4) 867.234

\_\_\_\_\_

5) 745.148

\_\_\_\_\_

6) 683.641

\_\_\_\_\_

7) 16.19

\_\_\_\_\_

8) 98.15

\_\_\_\_\_

9) 316.13

\_\_\_\_\_

10) 47.194

\_\_\_\_\_

11) 6.139

\_\_\_\_\_

12) 544.26

\_\_\_\_\_

13) 68.6

\_\_\_\_\_

14) 974.34

\_\_\_\_\_

15) 637.6

\_\_\_\_\_

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

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Write the Numbers in Expanded Form.

1) 74.17 \_\_\_\_\_

2) 81.94 \_\_\_\_\_

3) 32.11 \_\_\_\_\_

4) 64.26 \_\_\_\_\_

5) 17.82 \_\_\_\_\_

6) 97.27 \_\_\_\_\_

7) 27.85 \_\_\_\_\_

8) 89.71 \_\_\_\_\_

9) 54.83 \_\_\_\_\_

10) 73.21 \_\_\_\_\_

11) 26.84 \_\_\_\_\_

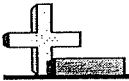
12) 75.35 \_\_\_\_\_

13) 81.87 \_\_\_\_\_

14) 45.33 \_\_\_\_\_

15) 88.61 \_\_\_\_\_





Convert each problem to numeric form.

Ex)  $1 + \frac{8}{10}$

1)  $700 + 40 + 2 + \frac{9}{10} + \frac{6}{100}$

2)  $600 + 30 + 5 + \frac{2}{10} + \frac{7}{100} + \frac{9}{1000}$

3)  $2 + \frac{1}{10}$

4)  $800 + 80 + 8 + \frac{7}{10} + \frac{5}{100} + \frac{8}{1000}$

5)  $50 + 2 + \frac{1}{10} + \frac{1}{100}$

6)  $1 + \frac{2}{10} + \frac{6}{100} + \frac{7}{1000}$

7)  $40 + 8 + \frac{8}{10}$

8)  $200 + 20 + 3 + \frac{9}{10} + \frac{8}{100}$

9)  $700 + 60 + 9 + \frac{4}{10} + \frac{8}{100} + \frac{4}{1000}$

10)  $500 + 70 + 1 + \frac{6}{10} + \frac{7}{100}$

11)  $80 + 6 + \frac{6}{10} + \frac{3}{100}$

12)  $90 + 8 + \frac{3}{10} + \frac{4}{100} + \frac{8}{1000}$

13)  $40 + 5 + \frac{4}{10} + \frac{5}{100}$

14)  $9 + \frac{4}{10} + \frac{5}{100}$

15)  $500 + 10 + 4 + \frac{4}{10} + \frac{7}{100}$

16)  $9 + \frac{6}{10} + \frac{1}{100} + \frac{9}{1000}$

17)  $5 + \frac{3}{10} + \frac{8}{100} + \frac{1}{1000}$

18)  $90 + 6 + \frac{4}{10} + \frac{9}{100} + \frac{4}{1000}$

19)  $2 + \frac{9}{10}$

20)  $70 + 9 + \frac{7}{10}$

Answers

Ex. 1.8

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

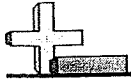
17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_





Convert each problem to numeric form.

Ex)  $70 + 3 + \frac{7}{10} + \frac{7}{100}$

1)  $5 + \frac{7}{10} + \frac{3}{100}$

2)  $100 + 50 + 3 + \frac{5}{10} + \frac{4}{100}$

3)  $6 + \frac{3}{10}$

4)  $90 + 1 + \frac{7}{10}$

5)  $90 + 1 + \frac{1}{10} + \frac{2}{100}$

6)  $50 + 6 + \frac{5}{10}$

7)  $5 + \frac{8}{10}$

8)  $10 + 1 + \frac{1}{10} + \frac{3}{100}$

9)  $200 + 60 + 3 + \frac{7}{10} + \frac{3}{100}$

10)  $90 + 3 + \frac{9}{10}$

11)  $4 + \frac{7}{10}$

12)  $400 + 80 + 2 + \frac{9}{10}$

13)  $500 + 90 + 2 + \frac{2}{10} + \frac{1}{100} + \frac{2}{1000}$

14)  $800 + 30 + 9 + \frac{1}{10} + \frac{6}{100}$

15)  $80 + 8 + \frac{6}{10} + \frac{8}{100}$

16)  $800 + 20 + 4 + \frac{7}{10}$

17)  $4 + \frac{1}{10}$

18)  $7 + \frac{1}{10} + \frac{7}{100} + \frac{6}{1000}$

19)  $200 + 20 + 8 + \frac{8}{10} + \frac{9}{100}$

20)  $40 + 7 + \frac{2}{10} + \frac{1}{100}$

AnswersEx. 73.77

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_

