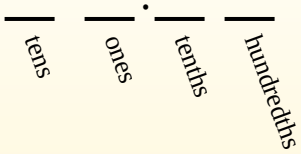
Converting Decimals to Fractions

Name:

Convert each decimal to a fraction.

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.

$9/10$

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.

$63/100$

Ex) 0.5 = $\frac{5}{10}$

1) 0.32 = ____

2) 0.8 = ____

3) 0.04 = ____

4) 0.7 = ____

5) 0.08 = ____

6) 0.21 = ____

7) 0.03 = ____

8) 0.81 = ____

9) 0.9 = ____

10) 0.53 = ____

11) 0.2 = ____

12) 0.1 = ____

13) 0.87 = ____

14) 0.05 = ____

15) 0.90 = ____

16) 0.06 = ____

17) 0.31 = ____

Answers

Ex. $5/10$

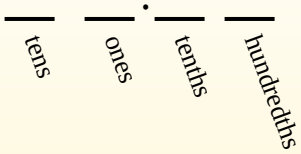
1. ____
2. ____
3. ____
4. ____
5. ____
6. ____
7. ____
8. ____
9. ____
10. ____
11. ____
12. ____
13. ____
14. ____
15. ____
16. ____
17. ____
18. ____
19. ____
20. ____

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

Converting Decimals to Fractions Name: **Answer Key**

Convert each decimal to a fraction.

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



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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) 0.5 = $\frac{5}{10}$

1) 0.32 = $\frac{32}{100}$

2) 0.8 = $\frac{8}{10}$

3) 0.04 = $\frac{4}{100}$

4) 0.7 = $\frac{7}{10}$

5) 0.08 = $\frac{8}{100}$

6) 0.21 = $\frac{21}{100}$

7) 0.03 = $\frac{3}{100}$

8) 0.81 = $\frac{81}{100}$

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

10) 0.53 = $\frac{53}{100}$

11) 0.2 = $\frac{2}{10}$

12) 0.1 = $\frac{1}{10}$

13) 0.87 = $\frac{87}{100}$

14) 0.05 = $\frac{5}{100}$

15) 0.90 = $\frac{90}{}$

16) 0.06 = $\frac{6}{}$

17) 0.31 = $\frac{31}{}$

Answers

Ex. $\frac{5}{10}$

1. $\frac{32}{100}$
2. $\frac{8}{10}$
3. $\frac{4}{100}$
4. $\frac{7}{10}$
5. $\frac{8}{100}$
6. $\frac{21}{100}$
7. $\frac{3}{100}$
8. $\frac{81}{100}$
9. $\frac{9}{10}$
10. $\frac{53}{100}$
11. $\frac{2}{10}$
12. $\frac{1}{10}$
13. $\frac{87}{100}$
14. $\frac{5}{100}$
15. $\frac{90}{100}$
16. $\frac{6}{100}$
17. $\frac{31}{100}$
18. $\frac{35}{100}$
19. $\frac{99}{100}$
20. $\frac{6}{10}$

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