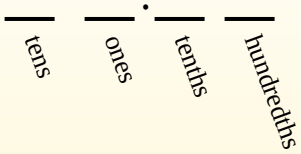
Converting Decimals to Fractions

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

1) 0.89 = ____

2) 0.03 = ____

3) 0.44 = ____

4) 0.20 = ____

5) 0.04 = ____

6) 0.8 = ____

7) 0.45 = ____

8) 0.4 = ____

9) 0.1 = ____

10) 0.2 = ____

11) 0.02 = ____

12) 0.72 = ____

13) 0.6 = ____

14) 0.01 = ____

15) 0.35 = ____

16) 0.80 = ____

17) 0.11 = ____

Answers

Ex. $7/100$

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

Convert each decimal to a fraction.

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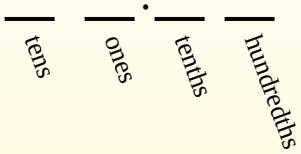

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$9/10$

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

1) 0.89 = $\frac{89}{100}$

2) 0.03 = $\frac{3}{100}$

3) 0.44 = $\frac{44}{100}$

4) 0.20 = $\frac{20}{100}$

5) 0.04 = $\frac{4}{100}$

6) 0.8 = $\frac{8}{10}$

7) 0.45 = $\frac{45}{100}$

8) 0.4 = $\frac{4}{10}$

9) 0.1 = $\frac{1}{10}$

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

11) 0.02 = $\frac{2}{100}$

12) 0.72 = $\frac{72}{100}$

13) 0.6 = $\frac{6}{10}$

14) 0.01 = $\frac{1}{100}$

15) 0.35 = $\frac{35}{100}$

16) 0.80 = $\frac{80}{100}$

17) 0.11 = $\frac{11}{100}$

Answers

Ex. $7/100$
1. $89/100$
2. $3/100$
3. $44/100$
4. $20/100$
5. $4/100$
6. $8/10$
7. $45/100$
8. $4/10$
9. $1/10$
10. $2/10$
11. $2/100$
12. $72/100$
13. $6/10$
14. $1/100$
15. $35/100$
16. $80/100$
17. $11/100$
18. $6/100$
19. $28/100$
20. $7/10$

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