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.

tens ones . tenths hundredths

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) 0.06 = $\frac{6}{100}$

1) 0.70 = ____

2) 0.05 = ____

3) 0.49 = ____

4) 0.09 = ____

5) 0.7 = ____

6) 0.08 = ____

7) 0.44 = ____

8) 0.69 = ____

9) 0.02 = ____

10) 0.8 = ____

11) 0.50 = ____

12) 0.6 = ____

13) 0.2 = ____

14) 0.07 = ____

15) 0.80 = ____

16) 0.4 = ____

17) 0.1 = ____

Answers

Ex. $6/100$

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

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.

tens ones . tenths hundredths

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) 0.06 = 6/100

1) 0.70 = 70/100

2) 0.05 = 5/100

3) 0.49 = 49/100

4) 0.09 = 9/100

5) 0.7 = 7/10

6) 0.08 = 8/100

7) 0.44 = 44/100

8) 0.69 = 69/100

9) 0.02 = 2/100

10) 0.8 = 8/10

11) 0.50 = 50/100

12) 0.6 = 6/10

13) 0.2 = 2/10

14) 0.07 = 7/100

15) 0.80 = 80

16) 0.4 = 4

17) 0.1 = 1

Answers

Ex.	6/100
1.	70/100
2.	5/100
3.	49/100
4.	9/100
5.	7/10
6.	8/100
7.	44/100
8.	69/100
9.	2/100
10.	8/10
11.	50/100
12.	6/10
13.	2/10
14.	7/100
15.	80/100
16.	4/10
17.	1/10
18.	3/10
19.	96/100
20.	57/100

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