Name: _____ Date: _____

Decimals to Fractions

Grades 4–6 • 36 questions • Write each decimal as a fraction in simplest form

Part A • Tenths (0.30 is 30 hundredths, which is 3 tenths)

1. $0.3 = \frac{\square}{\square}$
2. $0.7 = \frac{\square}{\square}$
3. $0.5 = \frac{\square}{\square}$
4. $0.4 = \frac{\square}{\square}$
5. $0.1 = \frac{\square}{\square}$
6. $0.8 = \frac{\square}{\square}$
7. $0.2 = \frac{\square}{\square}$
8. $0.6 = \frac{\square}{\square}$
9. $0.9 = \frac{\square}{\square}$
10. $0.30 = \frac{\square}{\square}$
11. $0.50 = \frac{\square}{\square}$
12. $0.80 = \frac{\square}{\square}$

Part B • Hundredths

13. $0.62 = \frac{\square}{\square}$
14. $0.12 = \frac{\square}{\square}$
15. $0.91 = \frac{\square}{\square}$
16. $0.17 = \frac{\square}{\square}$
17. $0.35 = \frac{\square}{\square}$
18. $0.25 = \frac{\square}{\square}$
19. $0.04 = \frac{\square}{\square}$
20. $0.53 = \frac{\square}{\square}$
21. $0.45 = \frac{\square}{\square}$
22. $0.26 = \frac{\square}{\square}$
23. $0.05 = \frac{\square}{\square}$
24. $0.87 = \frac{\square}{\square}$

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Decimals to Fractions

Part C • Thousandths • Part D: decimals bigger than 1. Write a mixed number in simplest form

25. $0.500 = \frac{\square}{\square}$

26. $0.248 = \frac{\square}{\square}$

27. $0.125 = \frac{\square}{\square}$

28. $0.875 = \frac{\square}{\square}$

29. $0.040 = \frac{\square}{\square}$

30. $0.064 = \frac{\square}{\square}$

Part D • Mixed numbers

31. $4.4 = \square\ \frac{\square}{\square}$

32. $1.04 = \square\ \frac{\square}{\square}$

33. $3.12 = \square\ \frac{\square}{\square}$

34. $4.05 = \square\ \frac{\square}{\square}$

35. $3.2 = \square\ \frac{\square}{\square}$

36. $3.45 = \square\ \frac{\square}{\square}$

Tip: count the decimal places to find the bottom number (1 place = 10, 2 places = 100, 3 places = 1,000), then simplify.

Answer Key — Decimals to Fractions

1. 3/10
2. 7/10
3. 1/2
4. 2/5
5. 1/10
6. 4/5
7. 1/5
8. 3/5
9. 9/10
10. 3/10
11. 1/2
12. 4/5
13. 31/50
14. 3/25
15. 91/100
16. 17/100
17. 7/20
18. 1/4
19. 1/25
20. 53/100
21. 9/20
22. 13/50
23. 1/20
24. 87/100
25. 1/2
26. 31/125
27. 1/8
28. 7/8
29. 1/25
30. 8/125
31. 4 2/5
32. 1 1/25
33. 3 3/25
34. 4 1/20
35. 3 1/5
36. 3 9/20