

Converting Decimals to Fractions

Convert the following decimals to their equivalent fractions. Please write the fractions in their simplest form, where possible. The first one has been done for you.

1. $0.27 = \frac{27}{100}$

10. $0.66 = \underline{\hspace{2cm}}$

2. $0.50 = \underline{\hspace{2cm}}$

11. $0.54 = \underline{\hspace{2cm}}$

3. $0.30 = \underline{\hspace{2cm}}$

12. $0.35 = \underline{\hspace{2cm}}$

4. $0.64 = \underline{\hspace{2cm}}$

13. $0.51 = \underline{\hspace{2cm}}$

5. $0.55 = \underline{\hspace{2cm}}$

14. $0.89 = \underline{\hspace{2cm}}$

6. $0.60 = \underline{\hspace{2cm}}$

15. $0.79 = \underline{\hspace{2cm}}$

7. $0.45 = \underline{\hspace{2cm}}$

16. $0.71 = \underline{\hspace{2cm}}$

8. $0.80 = \underline{\hspace{2cm}}$

17. $0.49 = \underline{\hspace{2cm}}$

9. $0.10 = \underline{\hspace{2cm}}$

18. $0.17 = \underline{\hspace{2cm}}$

Converting Decimals to Fractions

Convert the following decimals to their equivalent fractions. Please write the fractions in their simplest form, where possible. The first one has been done for you.

1. $0.86 = \frac{43}{50}$

2. $0.38 = \frac{\quad}{\quad}$

3. $0.54 = \frac{\quad}{\quad}$

4. $0.06 = \frac{\quad}{\quad}$

5. $0.46 = \frac{\quad}{\quad}$

6. $0.22 = \frac{\quad}{\quad}$

7. $0.87 = \frac{\quad}{\quad}$

8. $0.25 = \frac{\quad}{\quad}$

9. $0.14 = \frac{\quad}{\quad}$

10. $0.32 = \frac{\quad}{\quad}$

11. $0.72 = \frac{\quad}{\quad}$

12. $0.74 = \frac{\quad}{\quad}$

13. $0.70 = \frac{\quad}{\quad}$

14. $0.95 = \frac{\quad}{\quad}$

15. $0.20 = \frac{\quad}{\quad}$

16. $0.80 = \frac{\quad}{\quad}$

17. $0.36 = \frac{\quad}{\quad}$

18. $0.95 = \frac{\quad}{\quad}$

19. $0.12 = \frac{\quad}{\quad}$

20. $0.35 = \frac{\quad}{\quad}$

21. $0.38 = \frac{\quad}{\quad}$

22. $0.45 = \frac{\quad}{\quad}$

23. $0.96 = \frac{\quad}{\quad}$

24. $0.09 = \frac{\quad}{\quad}$

25. $0.61 = \frac{\quad}{\quad}$

26. $0.55 = \frac{\quad}{\quad}$

27. $0.60 = \frac{\quad}{\quad}$

Converting Decimals to Fractions

Convert the following decimals to their equivalent fractions. Please write the fractions in their simplest form, where possible. The first one has been done for you.

1. $1.78 = 1 \frac{39}{50}$

2. $0.73 = \frac{\quad}{\quad}$

3. $0.05 = \frac{\quad}{\quad}$

4. $1.65 = \frac{\quad}{\quad}$

5. $0.08 = \frac{\quad}{\quad}$

6. $0.07 = \frac{\quad}{\quad}$

7. $1.81 = \frac{\quad}{\quad}$

8. $1.55 = \frac{\quad}{\quad}$

9. $1.38 = \frac{\quad}{\quad}$

10. $1.41 = \frac{\quad}{\quad}$

11. $0.84 = \frac{\quad}{\quad}$

12. $0.22 = \frac{\quad}{\quad}$

13. $0.27 = \frac{\quad}{\quad}$

14. $1.47 = \frac{\quad}{\quad}$

15. $1.69 = \frac{\quad}{\quad}$

16. $1.73 = \frac{\quad}{\quad}$

17. $0.55 = \frac{\quad}{\quad}$

18. $0.05 = \frac{\quad}{\quad}$

19. $0.38 = \frac{\quad}{\quad}$

20. $1.31 = \frac{\quad}{\quad}$

21. $1.12 = \frac{\quad}{\quad}$

22. $1.17 = \frac{\quad}{\quad}$

23. $0.11 = \frac{\quad}{\quad}$

24. $0.71 = \frac{\quad}{\quad}$

25. $1.53 = \frac{\quad}{\quad}$

26. $1.24 = \frac{\quad}{\quad}$

27. $0.49 = \frac{\quad}{\quad}$

Converting Decimals to Percentages **Answers**

Convert the following decimals to their equivalent fractions. Please write the fractions in their simplest form, where possible. The first one has been done for you.

1. $0.27 = \frac{27}{100}$

2. $0.50 = \frac{1}{2}$

3. $0.30 = \frac{3}{10}$

4. $0.64 = \frac{16}{25}$

5. $0.55 = \frac{11}{20}$

6. $0.60 = \frac{3}{5}$

7. $0.45 = \frac{9}{20}$

8. $0.80 = \frac{4}{5}$

9. $0.10 = \frac{1}{10}$

10. $0.66 = \frac{33}{50}$

11. $0.54 = \frac{27}{50}$

12. $0.35 = \frac{7}{20}$

13. $0.51 = \frac{51}{100}$

14. $0.89 = \frac{89}{100}$

15. $0.79 = \frac{79}{100}$

16. $0.71 = \frac{71}{100}$

17. $0.49 = \frac{49}{100}$

18. $0.17 = \frac{17}{100}$

Converting Decimals to Percentages **Answers**

Convert the following decimals to their equivalent fractions. Please write the fractions in their simplest form, where possible. The first one has been done for you.

1. $0.86 = \frac{43}{50}$

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3. $0.54 = \frac{27}{50}$

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5. $0.46 = \frac{23}{50}$

6. $0.22 = \frac{11}{50}$

7. $0.87 = \frac{87}{100}$

8. $0.25 = \frac{1}{4}$

9. $0.14 = \frac{7}{50}$

10. $0.32 = \frac{8}{25}$

11. $0.72 = \frac{18}{25}$

12. $0.74 = \frac{37}{50}$

13. $0.70 = \frac{7}{10}$

14. $0.95 = \frac{19}{20}$

15. $0.20 = \frac{1}{5}$

16. $0.80 = \frac{8}{10}$

17. $0.36 = \frac{9}{25}$

18. $0.95 = \frac{19}{20}$

19. $0.12 = \frac{3}{25}$

20. $0.35 = \frac{7}{20}$

21. $0.38 = \frac{19}{50}$

22. $0.45 = \frac{9}{20}$

23. $0.96 = \frac{24}{25}$

24. $0.09 = \frac{9}{100}$

25. $0.61 = \frac{61}{100}$

26. $0.55 = \frac{11}{20}$

27. $0.60 = \frac{3}{5}$

Converting Decimals to Percentages **Answers**

Convert the following decimals to their equivalent fractions. Please write the fractions in their simplest form, where possible. The first one has been done for you.

1. $1.78 = 1 \frac{39}{50}$

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3. $0.05 = \frac{1}{20}$

4. $1.65 = 1 \frac{13}{20}$

5. $0.08 = \frac{2}{25}$

6. $0.07 = \frac{7}{100}$

7. $1.81 = 1 \frac{81}{100}$

8. $1.55 = 1 \frac{11}{20}$

9. $1.38 = 1 \frac{19}{50}$

10. $1.41 = 1 \frac{41}{100}$

11. $0.84 = \frac{21}{25}$

12. $0.22 = \frac{11}{50}$

13. $0.27 = \frac{27}{100}$

14. $1.47 = 1 \frac{47}{100}$

15. $1.69 = 1 \frac{69}{100}$

16. $1.73 = 1 \frac{73}{100}$

17. $0.55 = \frac{11}{20}$

18. $0.05 = \frac{1}{20}$

19. $0.38 = \frac{19}{50}$

20. $1.31 = 1 \frac{31}{100}$

21. $1.12 = 1 \frac{3}{25}$

22. $1.17 = 1 \frac{17}{100}$

23. $0.11 = \frac{11}{100}$

24. $0.71 = \frac{71}{100}$

25. $1.53 = 1 \frac{53}{100}$

26. $1.24 = 1 \frac{6}{25}$

27. $0.49 = \frac{49}{100}$