

Math Sheet

Name _____ Score _____ / 36 Teacher _____ Date _____

Percent, decimal, and fraction conversions

Convert each value exactly as directed. Reduce fraction answers to simplest form; do not round.

Decimal to percent

1. $0.191 =$ _____ 2. $0.66 =$ _____ 3. $1.1 =$ _____

4. $0.16 =$ _____ 5. $0.846 =$ _____ 6. $1.62 =$ _____

Percent to decimal

7. $82\% =$ _____ 8. $16.5\% =$ _____ 9. $118\% =$ _____

10. $182\% =$ _____ 11. $60.6\% =$ _____ 12. $75\% =$ _____

Decimal to fraction

13. $0.03 =$ _____ 14. $1.91 =$ _____ 15. $0.648 =$ _____

16. $0.76 =$ _____ 17. $1.18 =$ _____ 18. $0.315 =$ _____

Fraction to decimal

19. $\frac{13}{20} =$ _____ 20. $\frac{19}{10} =$ _____ 21. $\frac{3}{16} =$ _____

22. $\frac{2}{4} =$ _____ 23. $\frac{7}{4} =$ _____ 24. $\frac{5}{16} =$ _____

Fraction to percent

25. $\frac{17}{25} =$ _____ 26. $\frac{21}{40} =$ _____ 27. $\frac{5}{4} =$ _____

28. $\frac{5}{20} =$ _____ 29. $\frac{1}{2} =$ _____ 30. $\frac{34}{20} =$ _____

Percent to fraction

31. $85\% =$ _____ 32. $190\% =$ _____ 33. $72.9\% =$ _____

34. $75.6\% =$ _____ 35. $155\% =$ _____ 36. $78\% =$ _____

Math Sheet

Name _____ Score _____ / 36 Teacher _____ Date _____

Percent, decimal, and fraction conversions

Answer key

Convert each value exactly as directed. Reduce fraction answers to simplest form; do not round.

Decimal to percent

1. $0.191 = 19.1\%$ 2. $0.66 = 66\%$ 3. $1.1 = 110\%$
4. $0.16 = 16\%$ 5. $0.846 = 84.6\%$ 6. $1.62 = 162\%$

Percent to decimal

7. $82\% = 0.82$ 8. $16.5\% = 0.165$ 9. $118\% = 1.18$
10. $182\% = 1.82$ 11. $60.6\% = 0.606$ 12. $75\% = 0.75$

Decimal to fraction

13. $0.03 = \frac{3}{100}$ 14. $1.91 = \frac{191}{100}$ 15. $0.648 = \frac{648}{1000} = \frac{81}{125}$
16. $0.76 = \frac{76}{100} = \frac{19}{25}$ 17. $1.18 = \frac{118}{100} = \frac{59}{50}$ 18. $0.315 = \frac{315}{1000} = \frac{63}{200}$

Fraction to decimal

19. $\frac{13}{20} = 0.65$ 20. $\frac{19}{10} = 1.9$ 21. $\frac{3}{16} = 0.1875$
22. $\frac{2}{4} = 0.5$ 23. $\frac{7}{4} = 1.75$ 24. $\frac{5}{16} = 0.3125$

Fraction to percent

25. $\frac{17}{25} = 68\%$ 26. $\frac{21}{40} = 52.5\%$ 27. $\frac{5}{4} = 125\%$
28. $\frac{5}{20} = 25\%$ 29. $\frac{1}{2} = 50\%$ 30. $\frac{34}{20} = 170\%$

Percent to fraction

31. $85\% = \frac{85}{100} = \frac{17}{20}$ 32. $190\% = \frac{190}{100} = \frac{19}{10}$ 33. $72.9\% = \frac{729}{1000}$
34. $75.6\% = \frac{756}{1000} = \frac{189}{250}$ 35. $155\% = \frac{155}{100} = \frac{31}{20}$ 36. $78\% = \frac{78}{100} = \frac{39}{50}$