

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. $78\% = \frac{78}{100} = \frac{39}{50}$