

Decimals and Percentages Part 3

Exercise Worksheet 4.3

1. Convert the following fractions to decimal numbers:

i. $\frac{287.2718}{1000}$

ii. $\frac{216.8816}{10}$

iii. $\frac{999.7098}{100}$

iv. $\frac{605.4458}{1000}$

v. $\frac{94.9999}{10}$

vi. $\frac{598.8712}{100}$

vii. $\frac{263.016}{1000}$

viii. $\frac{480.1425}{10}$

ix. $\frac{291.9819}{100}$

x. $\frac{308.054}{1000}$

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2. Convert the following fractions to decimal numbers:

i. $\frac{47016.16}{16}$

ii. $\frac{76723.724}{28}$

iii. $\frac{22739.782}{26}$

iv. $\frac{13126.225}{7}$

v. $\frac{107905.446}{27}$

vi. $\frac{29207.864}{8}$

vii. $\frac{70343.91}{21}$

viii. $\frac{13394.82}{20}$

ix. $\frac{15830.448}{24}$

x. $\frac{12752.32}{8}$

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3. Solve the following and give your answer as a decimal:

i. $127880.923 \div 2.9$

ii. $26877.776 \div 1.6$

iii. $40254.753 \div 2.1$

iv. $103721.448 \div 2.4$

v. $16693.101 \div 2.3$

vi. $48635.98 \div 2$

vii. $27358.884 \div 2.8$

viii. $38594.24 \div 2$

ix. $84773.376 \div 1.8$

x. $45403.844 \div 1.9$