

Decimals and Percentages Part 4

Exercise Worksheet 4.4 Solutions

1. Convert the following to decimals:

i. $37 / 27 = 1.37$

ii. $59 / 32 = 1.84$

iii. $84 / 73 = 1.15$

iv. $91 / 13 = 7.00$

v. $78 / 21 = 3.71$

vi. $97 / 50 = 1.94$

vii. $42 / 20 = 2.10$

viii. $81 / 75 = 1.08$

ix. $12 / 67 = 0.18$

x. $85 / 54 = 1.57$

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2. Convert the following decimals to fractions:

i. $262908.4 = \frac{1314542}{5} = 262908 \frac{2}{5}$

ii. $26308.8 = \frac{131544}{5} = 26308 \frac{4}{5}$

iii. $6254.62 = \frac{312731}{50} = 6254 \frac{31}{50}$

iv. $29280.25 = \frac{117121}{4} = 29280 \frac{1}{4}$

v. $1907.8 = \frac{9539}{5} = 1907 \frac{4}{5}$

vi. $240633.3 = \frac{2406333}{10} = 240633 \frac{3}{10}$

vii. $143862.2 = 143862 \frac{2}{5}$

viii. $736.735 = \frac{147347}{200} = 736 \frac{147}{200}$

ix. $249563.9 = \frac{2495639}{10} = 249563 \frac{9}{10}$

x. $815.297 = \frac{815297}{1000} = 815 \frac{297}{1000}$