



Grade 7

Mathematics

2 hours

### 11 - Decimals

(1) Write the following fractions as a decimal number.

i)  $\frac{3}{100}$

ii)  $\frac{98}{1000}$

iii)  $\frac{725}{1000}$

iv)  $\frac{12}{100}$

v)  $\frac{9}{1000}$

vi)  $\frac{123}{1000}$

vii)  $\frac{16}{100}$

viii)  $\frac{25}{100}$

(2) Express the following fractions and mixed numbers as decimal numbers.

i)  $\frac{2}{5}$

ii)  $\frac{8}{10}$

iii)  $\frac{4}{50}$

iv)  $\frac{27}{20}$

v)  $3\frac{1}{2}$

vi)  $2\frac{1}{8}$

vii)  $3\frac{12}{125}$

viii)  $\frac{351}{350}$

(3) Write each of the following decimal numbers as a fraction.

i) 2.7

ii) 8.75

iii) 0.35

iv) 7.21

v) 0.04

vi) 0.002

vii) 0.679

viii) 4.58

(4) Evaluate the following.

i)  $1.73 \times 5$

ii)  $12.21 \times 4$

iii)  $0.02 \times 8$

iv)  $15.38 \times 12$

v)  $0.435 \times 42$

vi)  $1.112 \times 13$

vii)  $5.21 \times 100$

viii)  $0.071 \times 10$

ix)  $3.812 \times 1000$

x)  $0.31 \div 10$

xi)  $0.058 \div 100$

xii)  $52.3 \div 100$

xiii)  $458.2 \div 1000$

xiv)  $4228 \div 1000$

xv)  $7.11 \div 100$

xvi)  $73.8 \div 5$

xvii)  $0.621 \div 6$

xviii)  $11.341 \div 9$