

Worksheet (8) |

Lower Secondary
Stage (6-8)

1st Semester | 2023-2024

Subject: Math

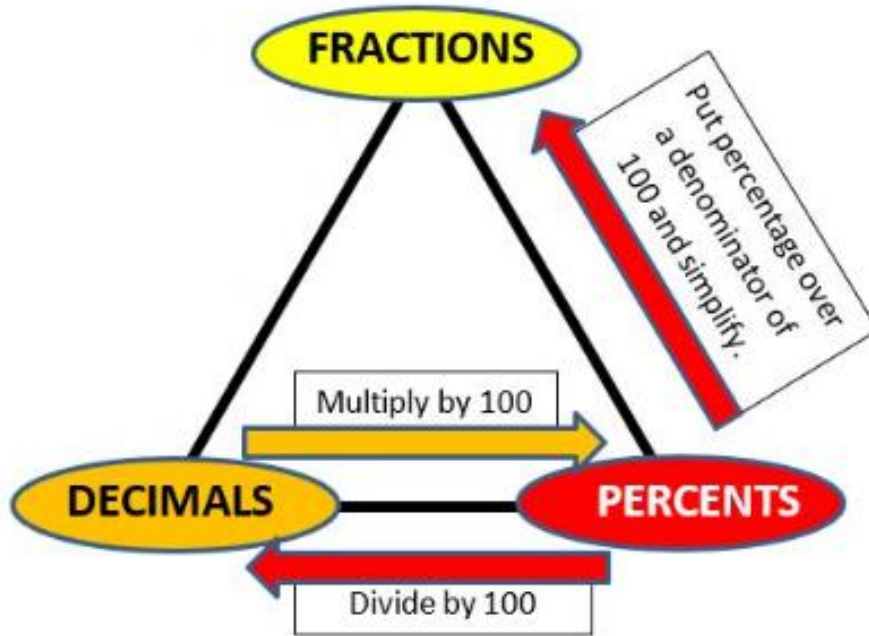
Name: _____

Objectives:

- To change between fractions, decimals and percentages.

Chapter: 6 (Fractions)

Grade 6 CS



Exercise (1): Complete the table.

Fraction	Decimal	Percent
$\frac{1}{2}$		
$\frac{3}{4}$		
$\frac{2}{5}$		
$1\frac{3}{5}$		
$\frac{7}{8}$		
$2\frac{7}{10}$		
$\frac{135}{1000}$		
$\frac{119}{100}$		
$\frac{5}{4}$		
$\frac{7}{50}$		

Exercise (2): Complete the table.

Decimal	Percent	Fraction
0.6		
0.2		
0.5		
0.75		
0.12		
0.04		
0.0255		
1.3		
5.021		

Exercise (3): Complete the table.

Percentage	Decimal	Fraction
90%		
55%		
2%		
150%		
300%		
12.5 %		
124%		
37.5 %		
135 %		

Exercise (4):

a) Convert these fractions to percentages.

a) $\frac{3}{4}$	b) $\frac{7}{10}$	c) $\frac{2}{5}$	d) $\frac{5}{8}$
e) $\frac{3}{20}$	f) $\frac{3}{4}$	g) $\frac{57}{100}$	h) $\frac{14}{25}$

b) Convert these decimals to percentages.

a) 0.9	b) 0.35	c) 0.23	d) 1.08
e) 0.450	f) 0.128	g) 0.02574	h) 12.58

c) Convert these percentages into decimals.

a) 40 %	b) 25%	c) 8%	d) 129 %
e) 258 %	f) 1 %	g) 9 %	h) 97 %

Exercise (5): Complete the table.

Fraction	Decimal	Percentage
$\frac{1}{4}$		
$\frac{4}{5}$		
		70 %
	0.24	
		37.5 %
	3.89	
		458 %
$\frac{258}{100}$		
	0.088	