CAMOSUN COLLEGE
School of Access
Academic and Career Foundations Department

MATH 026   Fundamental Mathematics 6

VIDEO LINKS

unit	topic	MATH 026	Video
1		**Ratio, Rate and Proportion**	
	A	Writing Ratios	How to write a ratio Writing a ratio example Practice writing ratios Equivalent ratios More equivalent ratios practice Equivalent ratio word problem1 Equivalent ratio word problem 2
	B	Rates	Introduction to rates Practice Unit Rates Solving a unit rate problem Solving a unit price question Rate review
	C	Proportion	Intro to cross multiplication How to cross multiply to solve for an unknown How to solve a proportion using cross-multiplication Practice cross-multiplication Three different ways to solve equivalent fractions Proportion word problem: how many hot dogs Finding an unknown in a proportion Solving proportions using cross-multiplying Using proportions to solve question using Map scale
2		**Percent**	
	A	Introducing Percent	Meaning of percent (1) Meaning of percent (2) Meaning of percent (3) Percent as decimal
		Reading and Writing Percent	How to read percents
		Changing Decimals to Percent	Practice converting decimal to percent
		Changing Percents to Decimals	Practice converting percent to decimal Convert percents to decimals
		Changing Fractions to Percents	Converting fraction into percent by finding equivalent fraction out of 100 Converting fractions, decimals and percents Convert fractions to percent using division
		Changing Percents to Fractions	Converting percents to fractions and decimals

unit	Topic	MATH 026	Video
		Percents Less than 1% (and Greater than 100%	Percents greater than 100% and less than 1% Converting percents greater than 100%
		$16\,^2/_3\%$, $33\,^1/_3\%$, $66\,^2/_3\%$, $83\,^1/_3\%$	Some common fractions as percents Strange percents: 33 1/3% and 66 2/3%
3		**Working with Percent**	
	A	Finding a Percent of a Number	Using proportion method to solve percents (1) Using proportion method to solve percents (2)
		Percents Greater Than or Equal to 100%	Percent greater than 100%
		Cross Border Shopping	
		Increases and Decreases, Discounts and Mark-ups	Calculating a percent increase using the equation method Calculating percent decrease or increase using proportion method Calculating a percent off using equation method Calculating amount of discount and final price
		Commission and Tips	Commission and tips and percent tax video
		More Problems for Finding Percent of a Number	Percent of a whole word problem
4		**More Working with Percent**	
	A	Finding What Percent One Number is of Another	Finding the percent Percent of a total Finding percent of total
	B	Finding a Number when a Percent of it is Given	Finding the percent of a number
5		**Statistics**	
		Introduction and Vocabulary	
	A	Line Graphs	Reading line graphs
	B	Bar Graphs	Reading bar graphs
	C	Picture Graphs	Reading pictographs
	D	Circle Graphs	Reading circle graphs
	E	Histograms	How to create a histogram
	F	Tables	How to read tables and graphs