

MA30SPRE-CALCULUS
UNIT F
CONSUMER MATH
WORKSHEET 2 - Income

Name: _____
 Date: _____

1. Dylan has been hired to work a full-time job at a retail outlet. Any hours worked over **40** hours a week are paid at *time and a half*. **Employment Insurance (EI)** deductions are **1.98%** of the gross pay. **CPP Contributions** are **4.95%** of Gross. Registered Retirement Savings Plan (RRSP) contributions are **\$19.45** per week. Income tax is deducted at **16%** of taxable income per week. Commissions are paid on all sales over **\$5,000.00**. During his first week, Dylan sold **\$6250** in goods, and worked **42** hours. He pays **\$7.00** for weekly parking and **\$5.20** a week for the coffee fund.

Dylan has to choose a method of pay he wants:

Plan A	Plan B
\$9.00 / hour and 5% commission	\$8.00 / hour and 10% commission

a. What is the 'take home' (net) pay for each plan choice?

b. Give one unique advantage of each plan.

2. Lucille has been hired to work full-time at a retail store. Any hours worked over 40 are paid at time and a half. EI deductions are made at 1.95% of the gross pay. **CPP Contributions** are **4.95%** of Gross. RRSP contributions are paid \$18.30 a week. Income tax deductions are Code 2. The commissions are paid on all sales over \$5,000. During her first week, Lucille sold \$6250 in goods, and worked 44 hours.

Plan A	Plan B
\$9.00 / hour and 5% commission	\$8.50 / hour and 10% commission

a. What is the 'take home' (net) pay for each plan choice?

b. Give one unique advantage of each plan.

3. Gary has been hired to work full-time at a retail outlet. Any hours worked over **8 per day** are paid at **double time**. EI deductions are **1.98%** of gross pay. **CPP Contributions** are **4.95%** of Gross. Union dues are **\$8.50** per week. His income taxes are **14%** of taxable income. The commissions are paid on all sales over **\$3,200**. During his first week, Gary sold **\$6,000.00** in goods, and worked the following schedule:

	Mon	Tues	Wed	Thurs	Fri
Hours Worked	8.5	10	8	9	3

Plan A	Plan B
\$10.00 / hour and 5% commission	\$8.00 / hour and 10% commission

a. What is the 'take home' (net) pay for each plan choice?

b. Give one unique advantage of each plan.

Federal tax deductions

Effective January 1, 2004

Weekly (52 pay periods a year)

Also look up the tax deductions
in the provincial tableHeb
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Pay Rémunération	Federal claim codes/Codes de demande féd							
	0	1	2	3	4	5	6	
From Less than De Moins de	Deduct from each pay Retenez sur chaque paie							
271 - 275	41.20	16.55	13.80	8.35	2.85			
275 - 279	41.80	17.15	14.40	8.95	3.45			
279 - 283	42.40	17.75	15.00	9.50	4.05			
283 - 287	42.95	18.30	15.60	10.10	4.65			
287 - 291	43.55	18.90	16.20	10.70	5.25			
291 - 295	44.15	19.50	16.80	11.30	5.85	.40		
295 - 299	44.75	20.10	17.35	11.90	6.45	.95		
299 - 303	45.35	20.70	17.95	12.50	7.05	1.55		
303 - 307	45.95	21.30	18.55	13.10	7.65	2.15		
307 - 311	46.55	21.90	19.15	13.70	8.25	2.75		
311 - 315	47.15	22.50	19.75	14.30	8.80	3.35		
315 - 319	47.75	23.10	20.35	14.90	9.40	3.95		
319 - 323	48.35	23.70	20.95	15.50	10.00	4.55		
323 - 327	48.95	24.30	21.55	16.10	10.60	5.15		
327 - 331	49.55	24.85	22.15	16.65	11.20	5.75	.25	
331 - 335	50.10	25.45	22.75	17.25	11.80	6.35	.85	
335 - 339	50.70	26.05	23.35	17.85	12.40	6.95	1.45	
339 - 343	51.30	26.65	23.95	18.45	13.00	7.50	2.05	
343 - 347	51.90	27.25	24.50	19.05	13.60	8.10	2.65	
347 - 351	52.50	27.85	25.10	19.65	14.20	8.70	3.25	
351 - 355	53.10	28.45	25.70	20.25	14.80	9.30	3.85	
355 - 359	53.70	29.05	26.30	20.85	15.35	9.90	4.45	
359 - 363	54.30	29.65	26.90	21.45	15.95	10.50	5.05	
363 - 367	54.90	30.25	27.50	22.05	16.55	11.10	5.65	
367 - 371	55.50	30.85	28.10	22.65	17.15	11.70	6.20	
371 - 375	56.10	31.40	28.70	23.20	17.75	12.30	6.80	
375 - 379	56.65	32.00	29.30	23.80	18.35	12.90	7.40	
379 - 383	57.25	32.60	29.90	24.40	18.95	13.50	8.00	
383 - 387	57.85	33.20	30.50	25.00	19.55	14.05	8.60	
387 - 391	58.45	33.80	31.05	25.60	20.15	14.65	9.20	
391 - 395	59.05	34.40	31.65	26.20	20.75	15.25	9.80	
395 - 399	59.65	35.00	32.25	26.80	21.35	15.85	10.40	
399 - 403	60.25	35.60	32.85	27.40	21.95	16.45	11.00	
403 - 407	60.85	36.20	33.45	28.00	22.50	17.05	11.60	
407 - 411	61.45	36.80	34.05	28.60	23.10	17.65	12.20	
411 - 415	62.05	37.40	34.65	29.20	23.70	18.25	12.80	
415 - 419	62.65	38.00	35.25	29.80	24.30	18.85	13.35	
419 - 423	63.20	38.55	35.85	30.35	24.90	19.45	13.95	
423 - 427	63.80	39.15	36.45	30.95	25.50	20.05	14.55	
427 - 431	64.40	39.75	37.05	31.55	26.10	20.65	15.15	
431 - 435	65.00	40.35	37.65	32.15	26.70	21.20	15.75	
435 - 439	65.60	40.95	38.20	32.75	27.30	21.80	16.35	
439 - 443	66.20	41.55	38.80	33.35	27.90	22.40	16.95	
443 - 447	66.80	42.15	39.40	33.95	28.50	23.00	17.55	
447 - 451	67.40	42.75	40.00	34.55	29.05	23.60	18.15	
451 - 455	68.00	43.35	40.60	35.15	29.65	24.20	18.75	
455 - 459	68.60	43.95	41.20	35.75	30.25	24.80	19.35	
459 - 463	69.20	44.55	41.80	36.35	30.85	25.40	19.90	
463 - 467	69.80	45.10	42.40	36.90	31.45	26.00	20.50	
467 - 471	70.35	45.70	43.00	37.50	32.05	26.60	21.10	
471 - 475	70.95	46.30	43.60	38.10	32.65	27.20	21.70	
475 - 479	71.55	46.90	44.20	38.70	33.25	27.75	22.30	
479 - 483	72.15	47.50	44.75	39.30	33.85	28.35	22.90	
483 - 487	72.75	48.10	45.35	39.90	34.45	28.95	23.50	
491 - 499	74.25	49.60	46.85	41.40	35.90	30.45	25.00	19.50
499 - 507	75.45	50.80	48.05	42.60	37.10	31.65	26.20	20.70

Manitoba provincial tax deductions

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Effective January 1, 2004

Weekly (52 pay periods a year)

Also look up the tax deductions
in the federal tableHe
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Pay Rémunération	Provincial claim codes/Codes de demande pr						
	0	1	2	3	4	5	6
From Less than De Moins de	Deduct from each pay Retenez sur chaque paie						
288 - 292	28.35	12.35	10.60	7.05	3.50		
292 - 296	28.80	12.90	11.00	7.50	3.95	.40	
296 - 300	29.25	13.25	11.45	7.90	4.35	.80	
300 - 304	29.70	13.70	11.90	8.35	4.80	1.25	
304 - 308	30.15	14.15	12.35	8.80	5.25	1.70	
308 - 312	30.60	14.60	12.80	9.25	5.70	2.15	
312 - 316	31.05	15.05	13.25	9.70	6.15	2.60	
316 - 320	31.50	15.45	13.70	10.15	6.60	3.05	
320 - 324	31.90	15.90	14.15	10.60	7.05	3.50	
324 - 328	32.35	16.35	14.60	11.05	7.50	3.95	.40
328 - 332	32.80	16.80	15.05	11.50	7.95	4.40	.85
332 - 336	33.25	17.25	15.50	11.95	8.40	4.85	1.30
336 - 340	33.70	17.70	15.95	12.40	8.85	5.30	1.75
340 - 344	34.15	18.15	16.35	12.85	9.30	5.75	2.20
344 - 348	34.60	18.60	16.80	13.25	9.70	6.15	2.65
348 - 352	35.05	19.05	17.25	13.70	10.15	6.60	3.05
352 - 356	35.50	19.50	17.70	14.15	10.60	7.05	3.50
356 - 360	35.95	19.95	18.15	14.60	11.05	7.50	3.95
360 - 364	36.40	20.40	18.60	15.05	11.50	7.95	4.40
364 - 368	36.85	20.80	19.05	15.50	11.95	8.40	4.85
368 - 372	37.25	21.25	19.50	15.95	12.40	8.85	5.30
372 - 376	37.70	21.70	19.95	16.40	12.85	9.30	5.75
376 - 380	38.15	22.15	20.40	16.85	13.30	9.75	6.20
380 - 384	38.60	22.60	20.85	17.30	13.75	10.20	6.65
384 - 388	39.05	23.05	21.30	17.75	14.20	10.65	7.10
388 - 392	39.50	23.50	21.70	18.15	14.65	11.10	7.55
392 - 396	39.95	23.95	22.15	18.60	15.05	11.50	7.95
396 - 400	40.40	24.40	22.60	19.05	15.50	11.95	8.40
400 - 404	40.85	24.85	23.05	19.50	15.95	12.40	8.85
404 - 408	41.30	25.30	23.50	19.95	16.40	12.85	9.30
408 - 412	41.75	25.75	23.95	20.40	16.85	13.30	9.75
412 - 416	42.20	26.15	24.40	20.85	17.30	13.75	10.20
416 - 420	42.60	26.60	24.85	21.30	17.75	14.20	10.65
420 - 424	43.05	27.05	25.30	21.75	18.20	14.65	11.10
424 - 428	43.50	27.50	25.75	22.20	18.65	15.10	11.55
428 - 432	43.95	27.95	26.20	22.65	19.10	15.55	12.00
432 - 436	44.40	28.40	26.60	23.05	19.50	15.95	12.40
436 - 440	44.80	28.80	27.00	23.45	19.90	16.35	12.85
440 - 444	45.20	29.20	27.45	23.90	20.35	16.80	13.25
444 - 448	45.60	29.60	27.85	24.30	20.75	17.20	13.65
448 - 452	46.00	30.00	28.25	24.70	21.15	17.60	14.05
452 - 456	46.40	30.40	28.65	25.10	21.55	18.00	14.45
456 - 460	46.85	30.80	29.05	25.50	21.95	18.40	14.85
460 - 464	47.25	31.25	29.45	25.90	22.35	18.80	15.25
464 - 468	47.65	31.65	29.85	26.30	22.75	19.20	15.65
468 - 472	48.05	32.05	30.25	26.70	23.15	19.60	16.05
472 - 476	48.45	32.45	30.65	27.10	23.55	20.05	16.50
476 - 480	48.85	32.85	31.10	27.55	24.00	20.45	16.90
480 - 484	49.25	33.25	31.50	27.95	24.40	20.85	17.30
484 - 488	49.65	33.65	31.90	28.35	24.80	21.25	17.70
488 - 492	50.05	34.05	32.30	28.75	25.20	21.65	18.10
492 - 496	50.50	34.50	32.70	29.15	25.60	22.05	18.50
496 - 500	50.90	34.90	33.10	29.55	26.00	22.45	18.90
500 - 504	51.30	35.30	33.50	29.95	26.40	22.85	19.30
504 - 508	51.70	35.70	33.90	30.35	26.80	23.25	19.70