

Essentials of Mathematics 10

2007/08 Released Exam

August 2008

Form A

DO NOT OPEN ANY EXAMINATION MATERIALS UNTIL INSTRUCTED TO DO SO.

Examination Instructions

1. On your Answer Sheet, fill in the bubble (Form A, B, C, D, E, F, G or H) that corresponds to the letter on this Examination Booklet.
2. Use a pencil to fill in bubbles when answering questions on your Answer Sheet.
3. When answering **Numerical-Response** questions on your Answer Sheet:

- print digits as illustrated:



- shade the bubble with the negative symbol if the answer is negative; shade or leave blank the bubble with the positive symbol if the answer is positive.
- write your answer in the spaces provided using one digit per box, noting proper place value.
- leave unused boxes blank. For example, the answer -70.6 will be written as shown:



4. When using your calculator:
 - use the programmed value of π rather than the approximation of 3.14.
 - rounding should occur only in the final step of the solution.
5. Diagrams are not necessarily drawn to scale.
6. When the examination begins, remove the data pages located in the centre of this booklet.
7. Read the Examination Rules on the back of this booklet.

You have **Examination Booklet Form A**. In the box above #1 on your **Answer Sheet**, fill in the bubble as follows.

Exam Booklet Form/ Cahier d'examen	A	B	C	D	E	F	G	H
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

1. Which banking activity is a **full** service transaction?

- A. NSF cheque
- B. ATM withdrawal
- C. Deposit to a teller
- D. www bill payment

Use the following transaction record to answer questions 2 and 3.

Statement of Account		Branch No. 234	Account Number 412-783-27	
Statement Date:		August 15, 2003	Account Type: Self-Serve	
Description	Withdrawals	Deposits	Date	Balance
Balance Forward			13/06	605.00
ATM Deposit		44.00	15/06	649.00
Service Charge	2.25		16/06	646.75
Cheque #98	55.50		27/06	591.25
Cheque #99	134.50		13/07	456.75
Cheque #100	145.00		2/08	311.75
Cheque #101	56.50		3/08	255.25
ATM Deposit		63.50	5/08	318.75
Service Charge	3.25		6/08	315.50

2. What is the total deposit Joe made at an ATM?

- A. \$23.50
- B. \$44.00
- C. \$63.50
- D. \$107.50

3. What is the service charge in June?

- A. \$5.50
- B. \$3.25
- C. \$2.25
- D. \$1.00

4. What is the closing balance on June 16?

Transaction Record: Chequing Account 412-783-27						
Cheque #	Date	Description	Payment/ Debit	✓	Deposit/ Credit	Balance 212.11
15	May 28	The Bay	54.70			
Deposit	May 30	Pay			260.50	
16	June 15	Shell	80.25			
17	June 15	Visa	60.53			
Deposit	June 16	Pay			130.25	


Record your answer neatly on the Answer Sheet.

Use the following charts to answer question 5.

Statement of Account		Branch No. 100		Account Number 9234567k	
Statement Date:		Dec. 4, 2003		Account Type: Self-Serve	
Description	Withdrawals	Deposits	Date	Balance	
Balance Forward				200.02	
Deposit		1000.00	02/12	1200.02	
Cheque #17	86.34		03/12	1113.68	
Cheque #18	72.42		04/12	1041.26	
Service Charge	20.00		04/12	1021.26	

Transaction Record						
Cheque #	Date	Description	Payment/ Debit	✓	Deposit/ Credit	Balance \$200.02
Deposit	02/12	Pay			1000.00	
Cheque 17	02/12	BC Hydro	86.34			
Cheque 18	02/12	Telus	72.42			
Cheque 19	02/12	Rent	800.00			

5. Reconcile the account on the form below. What is the FINAL BALANCE?

 BANK OF EVERMORE Blue Harbour, B.C.		Statement of Reconciliation	
Bank Statement		Transaction Record	
FINAL BALANCE shown on this statement		FINAL BALANCE shown on transaction record	
ADD DEPOSITS made after the statement date		SUBTRACT WITHDRAWALS which are not shown on transaction record	
SUBTOTAL \$			
SUBTRACT WITHDRAWALS made after the statement date			
FINAL BALANCE \$		FINAL BALANCE \$	

- A. \$21.26
- B. \$221.26
- C. \$241.26
- D. \$261.26

6. Paul is a full-time post-secondary school student. He maintains a monthly balance of \$900 and uses a passbook. In one month he makes 25 self-serve and 5 full-serve transactions. What are his total monthly fees and service charges?
- A. 8.48
 - B. 10.98
 - C. 14.45
 - D. 21.45
7. Chantal worked from 11:38 a.m. to 4:20 p.m. How long was she at work?
- A. 4 h 18 min
 - B. 4 h 42 min
 - C. 4 h 58 min
 - D. 5 h 18 min
8. John is offered two jobs. In Job A he earns \$2500 per month. In Job B he earns \$1500 per month plus a bonus of \$225 per month. How much more in total would John earn at the end of three months if he accepts Job A?
- A. \$675
 - B. \$1000
 - C. \$2325
 - D. \$3000
9. What is gross pay?
- A. the amount of taxable income
 - B. the amount of non-taxable income
 - C. the amount earned after deductions
 - D. the amount earned before deductions

10. If Fred earns \$1239.80 in four weeks, what is his weekly Canada Pension Plan deduction?
- A. \$6.51
 - B. \$12.00
 - C. \$12.01
 - D. \$12.02

Use the following information to answer question 11.

British Columbia Claim Codes	
Total Claim Amount(\$)	Claim Code
No Claim Amount	0
Minimum – 8000.00	1
8000.01 – 9800.00	2
9800.01 – 11 600.00	3
11 600.01 – 13 400.00	4
13 400.01 – 15 200.00	5
15 200.01 – 17 000.00	6
17 000.01 – 18 800.00	7
18 800.01 – 20 600.00	8
20 600.01 – 22 400.00	9
22 400.01 – 24 200.00	10
24 200.01 and over	X
No withholding	E

11. Paul works 20 h/week at \$15/h. Based on Paul's yearly income (52 weeks) what is his claim code?
- A. 0
 - B. 1
 - C. 5
 - D. 6

12. Last summer Oscar worked 30 h/week at \$10/h. This summer he works 35 h/week at \$7.89/h. How much less does he earn per week this summer? (Answer in dollars and cents.)

Record your answer neatly on the Answer Sheet.

13. Emile owns a house whose yearly taxes are \$2496. Emile's monthly salary is \$5000 after deductions. What percent of his monthly earnings should Emile put aside for his house taxes?

- A. 4.2%
- B. 5.0%
- C. 41.6%
- D. 49.9%

14. Laura is paid an hourly wage for a 37-hour week and time-and-a-half for overtime. If her one week pay was \$524.40 and she worked a total of 43 h, what is her hourly rate of pay?

- A. \$10.70
- B. \$11.40
- C. \$12.20
- D. \$14.17

15. Sanjeev's weekly net pay is \$223.65. He saves 10% of his net pay. How many weeks are required to save to \$300?

- A. 12
- B. 13
- C. 14
- D. 15

Use the following spreadsheet to answer question 16.

	A	B	C	D
1	Tuesday	Thursday	Saturday	Total
2	12	18	15	45
3	6	8	12	26

16. How many cells in the spreadsheet above contain a label?

- A. 4
- B. 8
- C. 12
- D. 19

Use the following calculation to answer question 17.

$$\frac{F3}{6 - 4 \div 2}$$

17. Given the calculation above, which of the following formulae on a spreadsheet is equivalent?

- A. = F3/6 - 4/2
- B. = F3/(6 - 4)/2
- C. = F3/(6 - 4/2)
- D. = (6 - 4/2)/F3

Use the following spreadsheet to answer question 18.

Yummy Chocolate Company

	A	B	C	D	E
1	Chocolate Bar	Selling Price (\$)	Cost per bar (\$)	Number Sold	Profit Made (\$)
2	ACME	3.00	2.40	35	$= (B2 - C2) * D2$
3	CHEWY	3.50	2.00	21	$= (B3 - C3) * D3$
4	Nutty	3.00	3.50	30	$= (B4 - C4) * D4$
5	Double Fudge	4.25	3.60	10	$= (B5 - C5) * D5$
6					$= \text{SUM}(E2: E5)$

18. Which one of the following statements is true?

- A. Doubling the value in D4 will double the value in E5.
- B. Increasing the value in B3 will decrease the value in D4.
- C. Changing the value in C3 will also change the value in E2.
- D. Changing the value in B2 will also change the value in E6.

Use the following spreadsheet to answer question 19.

	A	B	C	D
1	Regular Price (\$)	PST (7%)	GST (7%)	Total (\$)
2	114.00	7.98	7.98	129.96
3	221.00	15.47		
4	328.00	22.96		
5				$= \text{SUM}(D2: D4)$

19. What is the value of cell D5? (Answer in dollars and cents.)

Record your answer neatly on the Answer Sheet.

Use the following spreadsheet to answer question 20.

	A	B	C	D
1	Year	Opening Balance	Interest Rate	Closing Balance
2	7	\$3850.84	4.5%	= B2 + (B2 * C2/100)
3	8	D2	4.5%	

20. What is the value of D2?

- A. \$3852.57
 - B. \$3889.35
 - C. \$4024.13
 - D. \$4048.46
-

21. If 25 pairs of socks cost \$175.00 what is the price of 2 pairs of socks?

- A. \$7.00
- B. \$14.00
- C. \$14.30
- D. \$28.60

22. Supplies for making 50 candles cost \$100 for wax, \$5 for wicks, \$15 for colours/dyes, and \$50 for scents. If \$10 is charged per candle, what is the profit per candle?

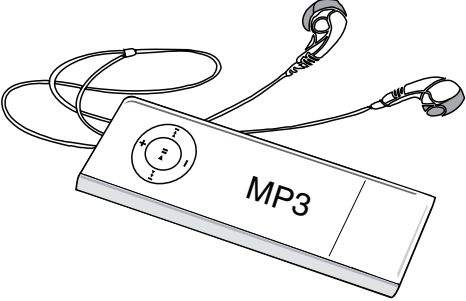
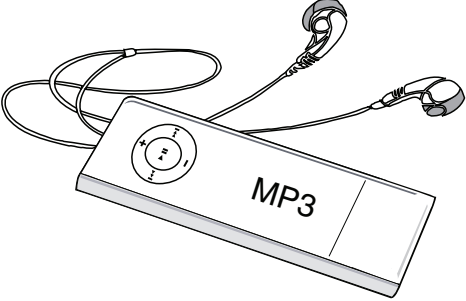
- A. \$3.40
- B. \$6.60
- C. \$9.71
- D. \$10.00

23. What is the value of x ?

$$\frac{3}{2} = \frac{x}{30}$$

- A. 10
- B. 15
- C. 20
- D. 45

Use the following information to answer questions 24 to 26.

<p>Western Electronics Vancouver, BC</p> <p>Original Price: \$169.99</p>  <p>25% off plus pay no PST</p>	<p>Ontario Electronics Online Store</p> <p>Original Price: \$129.99</p>  <p>Pay no tax Shipping and Handling \$15.00</p>
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24. What is the **sale price** of the MP3 player from Western Electronics? (Do not include taxes.)
- A. \$127.49
 - B. \$135.14
 - C. \$180.19
 - D. \$192.09
25. What is the **final cost** of the MP3 player if purchased from Western Electronics? (Include taxes.)
- A. \$127.49
 - B. \$135.14
 - C. \$144.06
 - D. \$180.19
26. How much more expensive is it to purchase the MP3 player from Ontario Electronics? (Include taxes for BC.)
- A. \$2.65
 - B. \$9.85
 - C. \$10.74
 - D. \$17.50

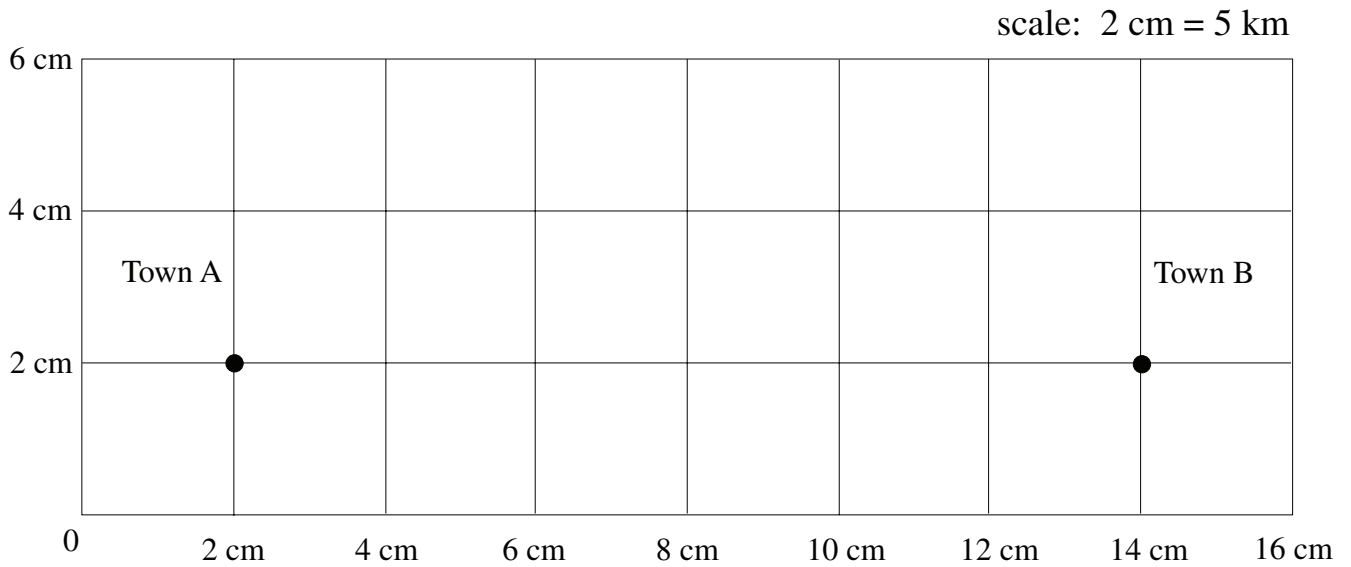
27. If the prices of each item remain the same, then what is the **difference** in the total cost if the purchases below were made in 2005? (Answer in dollars and cents.)

Essential Supplies Store of BC	
Jan. 31 2003	
Salt @	5.99
Salt @	5.99
Shovel @	19.99
Subtotal	\$31.97
Tax GST	\$2.24
Tax PST	\$2.40
Total	\$36.61

PST Rate for British Columbia	
2003	2005
7.5%	7%

Record your answer neatly on the Answer Sheet.

Use the following map to answer question 28.



28. Which of the following calculations will give the actual distance, in kilometres, between Town A and Town B?

A. $\frac{5(12)}{2}$

B. $\frac{2(12)}{5}$

C. $\frac{5(2)}{12}$

D. $(5)(2)(12)$

29. In 65 games, Pang scored 260 points. In 50 games, Ming scored 375 points. Who scored the most points per game and by how much?

A. Pang by 3.5

B. Ming by 3.5

C. Pang by 7.5

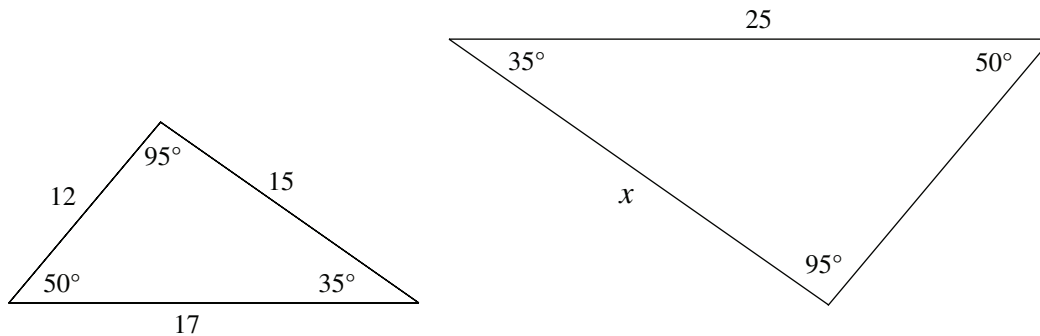
D. Ming by 7.5

30. If Gurdeep needs 1000 g of vitamins, then what is the **difference** in the amount paid between the two purchases? (Exclude taxes.)

<p>Store A</p> <div style="border: 1px solid black; padding: 10px; text-align: center;"><p>Special Coupon Buy 3 get 1 free</p><p>Regular Price \$4.99/250 g</p></div>	<p>Store B</p> <div style="border: 1px solid black; padding: 10px; text-align: center;"><p>Special Coupon Buy 2 get 1 free</p><p>Regular Price \$5.99/200 g</p></div>
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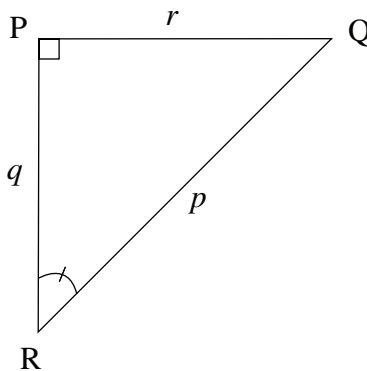
- A. \$1.00
B. \$2.99
C. \$8.99
D. \$9.99
31. In two triangles, $\angle A = \angle F$, $\angle B = \angle D$, and $\angle C = \angle E$. Which one of the following statements is correct?
- A. $\triangle ABC$ is similar to $\triangle DEF$
B. $\triangle ABC$ is similar to $\triangle EFD$
C. $\triangle ABC$ is similar to $\triangle FED$
D. $\triangle ABC$ is similar to $\triangle FDE$

32. What is the value of x ?



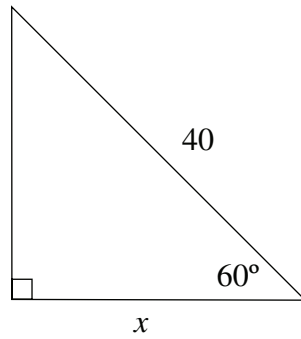
- A. 10.2
- B. 17.6
- C. 22.1
- D. 28.3

33. What is $\sin R$?



- A. $\frac{p}{r}$
- B. $\frac{q}{p}$
- C. $\frac{r}{p}$
- D. $\frac{r}{q}$

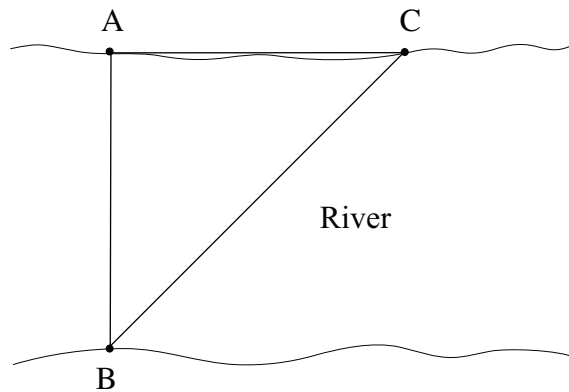
34. What is the value of x ? (Answer to one decimal place.)



Record your answer neatly on the Answer Sheet.

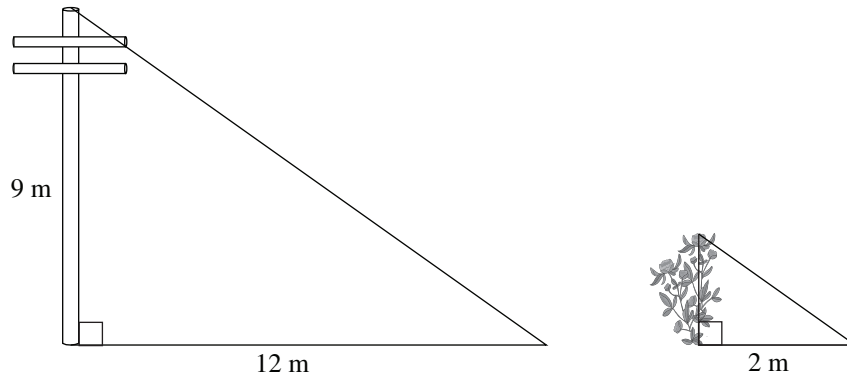
35. To calculate the distance from A to B across a river, Surhan took sightings and measured the distance from A to C. He found that $AC = 150$ m , $\angle C = 50^\circ$, and $\angle A = 90^\circ$.

What is the distance from A to B in metres?



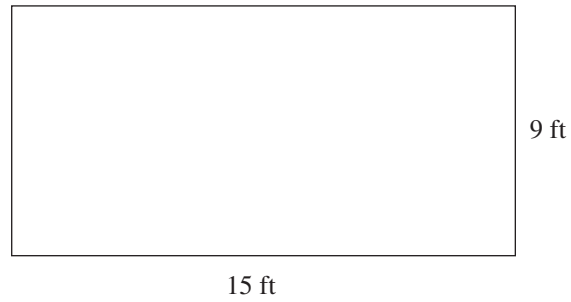
- A. 96.4
- B. 114.9
- C. 150.0
- D. 178.8

36. The length of a shadow cast by a 9 m telephone pole is 12 m. At the same time, the length of a shadow cast by a rose bush is 2 m. How tall is the rose bush?



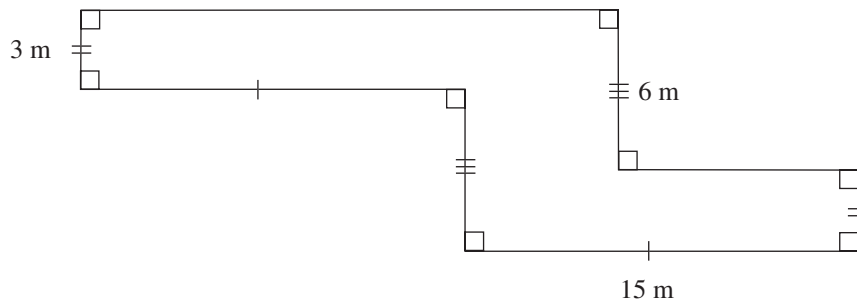
- A. $0.\overline{66}$ m
B. 0.75 m
C. 1.50 m
D. $1.\overline{66}$ m
37. If the total surface area of a cube is 150 cm^2 , what is the **length** of **one** edge of the cube?
- A. 5.0 cm
B. 12.5 cm
C. 25.0 cm
D. 144.0 cm
38. Which one of the following would be measured in square metres?
- A. carpet
B. breathable air
C. a string of lights
D. distance from home to school

39. How many square yards is a 9 ft x 15 ft sheet of plywood?



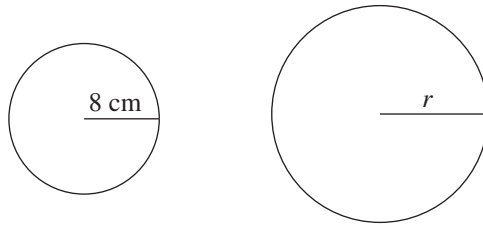
- A. 15 sq. yd.
- B. 16 sq. yd.
- C. 48 sq. yd.
- D. 135 sq. yd.

40. What is the perimeter of the figure below?



- A. 24 m
- B. 48 m
- C. 72 m
- D. 78 m

41. The radius of the smaller circle is 8 cm. It is increased by 50%. What is the area of the larger circle?



- A. 804.25 cm^2
B. 452.39 cm^2
C. 226.98 cm^2
D. 201.06 cm^2
42. A map of a schoolyard uses a scale of 1 cm : 8 m. If the length of the building is 144 m, how long is the drawing of the building on the map? (Answer to the nearest whole centimetre.)

Record your answer neatly on the Answer Sheet.

43. A square field has an area of 1600 m^2 . If the length is tripled and the width is halved, what is the new area in square metres?
- A. 80 m^2
B. 160 m^2
C. 2400 m^2
D. 4800 m^2

44. Which metric unit would complete the following statement?

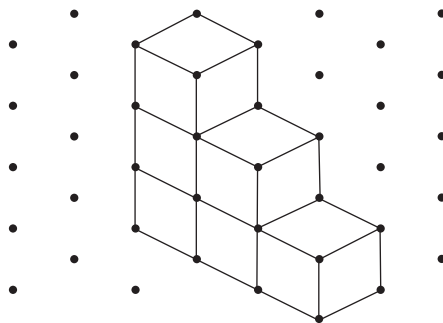
“The length of a sheet of paper is 27.5_____”

- A. mm
- B. cm
- C. inches
- D. feet

45. A square-based pyramid has a height of 10.5 cm. If the area of the base is 64 cm^2 , what is the volume of this pyramid?

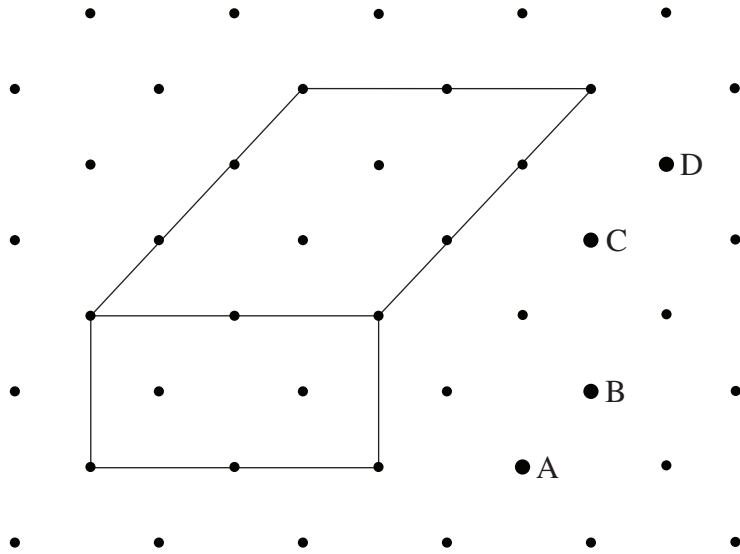
- A. 202 m^3
- B. 224 m^3
- C. 672 m^3
- D. 2016 m^3

46. How many cubes are represented on the isometric dot paper drawing below?



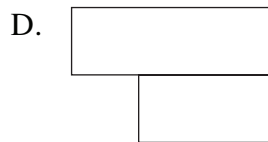
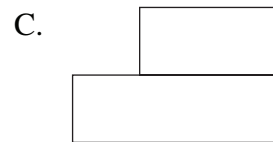
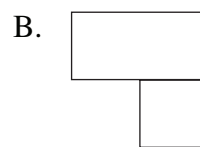
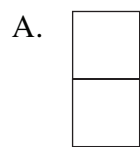
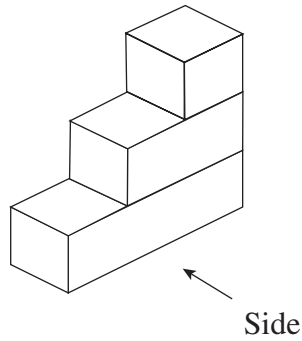
- A. 10
- B. 11
- C. 5
- D. 6

47. Which of the following points will be included in the completed isometric drawing of a rectangular solid?

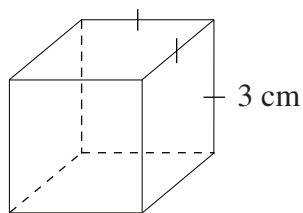


- A. point A
- B. point B
- C. point C
- D. point D

48. The top block is removed from the rod design shown. Of the following, which would represent the new front view?

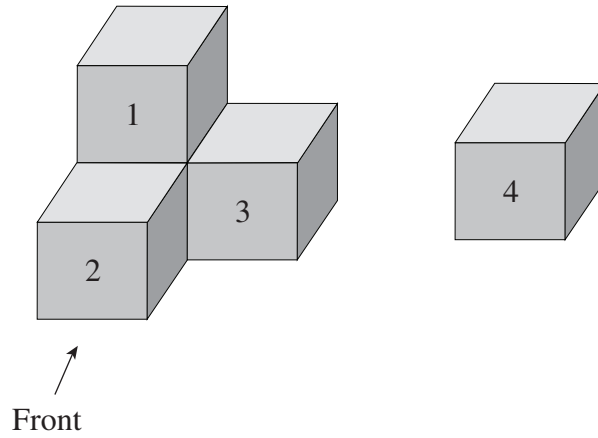


49. What is the surface area of the cube below? (Answer in cm^2 .)

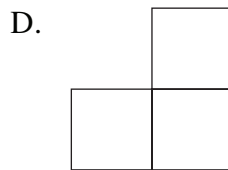
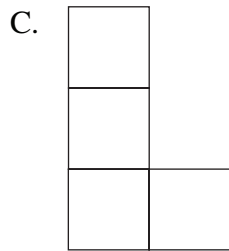
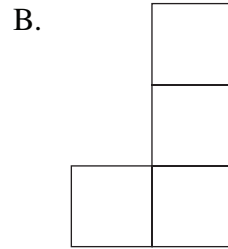
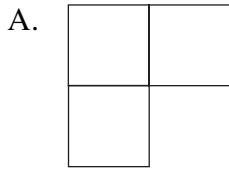


Record your answer neatly on the Answer Sheet.

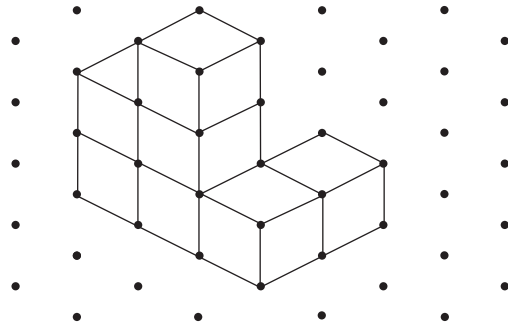
Use the following diagram to answer question 50.



50. If Block 4 is added on top of Block 1, which of the following represents the new side view?



Use the following diagram to answer question 51.



51. The edge of each cube is 3 m. One litre of paint covers 40 m^2 and costs \$15.95. What is the cost of the minimum number of cans to paint the object above? (Do not include the bottom.)
- A. \$79.95
 B. \$86.13
 C. \$95.70
 D. \$143.55
52. Data is collected on average household incomes in three cities. Which graph type would **best** display this data?
- A. bar
 B. circle
 C. pictograph
 D. double line graph
53. In a group of 5 numbers the mean is 6, the median is 7 and the mode is 9. The difference between the smallest and largest numbers is 7. Which set of data below fits the description?
- A. 2, 4, 7, 9, 9
 B. 2, 3, 7, 9, 9
 C. 4, 6, 7, 9, 9
 D. 2, 6, 7, 9, 9

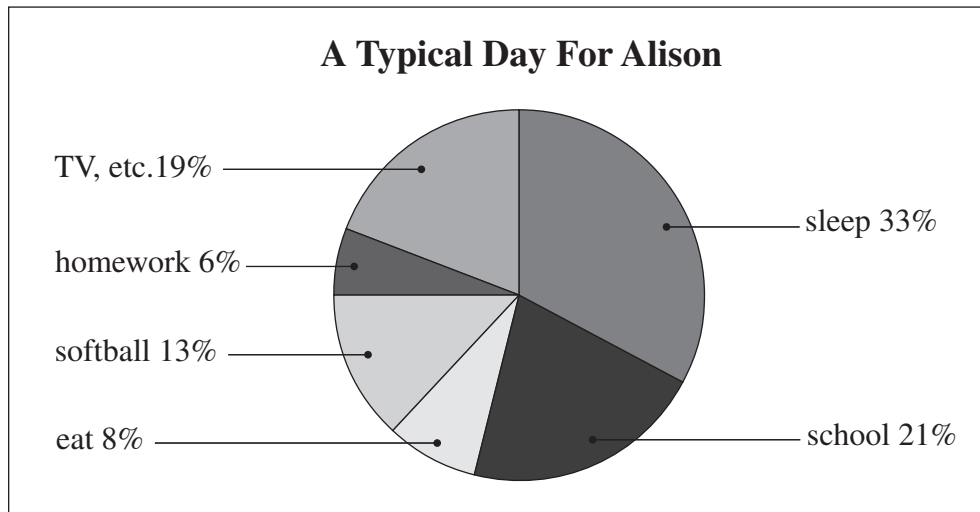
54. Five shoppers spent a mean amount of \$74.00. If four of the shoppers spent \$85.00, \$69.00, \$53.00 and \$62.00, how much did the fifth person spend?
- A. \$69.00
 - B. \$74.00
 - C. \$95.00
 - D. \$101.00

Use the following spreadsheet to answer question 55.

Name	Number	Percent	Degrees
Woods	95	26%	94°
Singh	84		?
Mickelson	106		
Goosen	78		
Total	363		

55. The data above was collected by the Golf Channel. In order to display this data on a circle graph, how many degrees is Singh's section?
- A. 23°
 - B. 26°
 - C. 83°
 - D. 84°

56. In a 24-h day how much time did Alison spend both at school and on homework?



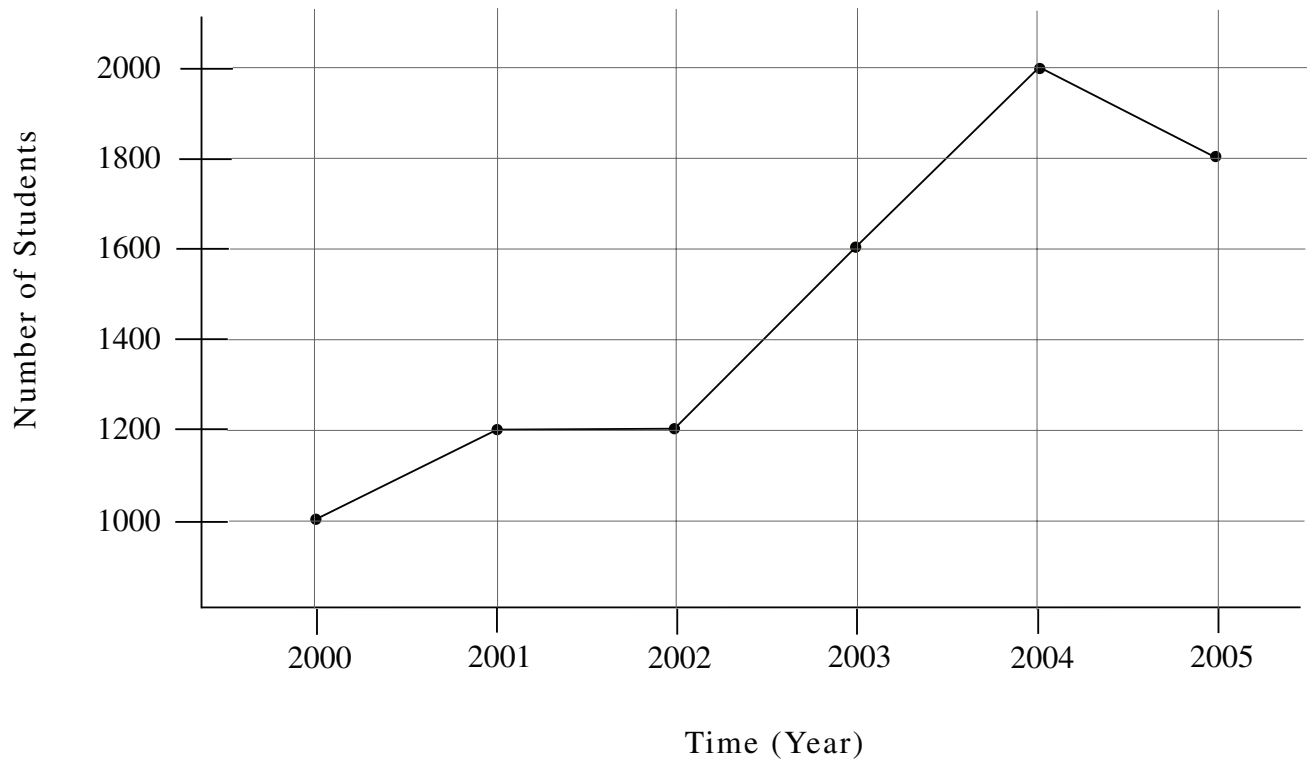
- A. 1.44 h
- B. 5.04 h
- C. 6.00 h
- D. 6.48 h

57. Using a fair six-sided die, what is the probability of rolling a three?
(Answer to 2 decimal places.)

Record your answer neatly on the Answer Sheet.

Use the following graph to answer question 58.

School Population Growth



58. How much did the population increase between 2000 and 2002?

- A. 200 students
- B. 400 students
- C. 1000 students
- D. 1200 students

59. To predict the size of a wolf population, biologists captured and tagged 40 wolves. The following year they captured 25 wolves, 12 of which were tagged. Which proportion would best predict the wolf population?

A. $\frac{x}{40} = \frac{12}{25}$

B. $\frac{12}{25} = \frac{40}{x}$

C. $\frac{x}{25} = \frac{12}{40}$

D. $\frac{25}{12} = \frac{40}{x}$

60. In a candy container there are 75 black, 47 yellow, 32 orange, 62 red, and 56 green jelly beans. What is the probability of taking a yellow jelly bean?

- A. 0.17
B. 0.18
C. 0.21
D. 0.28

You have **Examination Booklet Form A**. In the box above #1 on your **Answer Sheet**, ensure you filled in the bubble as follows.

Exam Booklet Form/ Cahier d'examen	A	B	C	D	E	F	G	H
	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

END OF EXAMINATION

Examination Rules

1. The time allotted for this examination is two hours.
You may, however, take up to 60 minutes of additional time to finish.
2. Answers entered in the Examination Booklet will not be marked.
3. Cheating on an examination will result in a mark of zero. The Ministry of Education considers cheating to have occurred if students break any of the following rules:
 - Students must not be in possession of or have used any secure examination materials prior to the examination session.
 - Students must not communicate with other students during the examination.
 - Students must not give or receive assistance of any kind in answering an examination question during an examination, including allowing one's paper to be viewed by others or copying answers from another student's paper.
 - Students must not possess any book, paper or item that might assist in writing an examination, including a dictionary or piece of electronic equipment, that is not specifically authorized for the examination by ministry policy.
 - Students must not copy, plagiarize or present as one's own, work done by any other person.
 - Students must immediately follow the invigilator's order to stop writing at the end of the examination time and must not alter an Examination Booklet, Response Booklet or Answer Sheet after the invigilator has asked students to hand in examination papers.
 - Students must not remove any piece of the examination materials from the examination room, including work pages.
4. The use of inappropriate language or content may result in a mark of zero being awarded.
5. Upon completion of the examination, return all examination materials to the supervising invigilator.

BANK ACCOUNT INFORMATION

VALUE ACCOUNT

Ideal if you prefer self-serve banking but do not have many transactions. Self-serve transactions include all transactions that don't need a bank teller to carry them out. These include writing cheques, ATM withdrawals and deposits, automated telephone or computer web transfers, and debit card transactions.

MONTHLY FEES AND REBATES

- \$3.95. If you maintain a \$1000.00 balance, the monthly fee is waived

TRANSACTIONS

- 10 self-serve included, additional are \$0.50 each
- 4 full-serve included, additional are \$1.00 each

RECORD-KEEPING OPTIONS

- monthly statement \$2.00 a month or FREE passbook
- cheque return \$2.00 per cheque
- additional fee waived for a credit card

SELF-SERVE ACCOUNT

Good if you have an active account, pay bills by phone, and use the web and ATM.

MONTHLY FEES AND REBATES

- \$6.95; maintain a \$1500.00 balance and the monthly fee is waived

TRANSACTIONS

- 20 self-serve included, additional are \$0.50 each
- full-serve transactions are \$1.00 each

RECORD-KEEPING OPTIONS

- monthly statement \$2.00 a month or FREE passbook
- cheque return \$2.00 per cheque

STUDENTS

- full-time post-secondary students save 50% on the monthly fee
- no annual fee for a credit card

FULL-SERVE ACCOUNT

If you like full service, this is the account for you.

MONTHLY FEES AND REBATES

- \$9.95; if you maintain a \$2000.00 balance, the monthly fee is waived

TRANSACTIONS

- 25 self-serve or full-serve included, additional are \$0.25 each

RECORD-KEEPING OPTIONS

- monthly statement \$2.00 a month or FREE passbook
- cheque return \$2.00 per cheque
- additional fee waived for credit card

SAVINGS ACCOUNT

If you make very few transactions, this is the best choice for you.

DEBIT TRANSACTIONS

- 2 free, \$1.25 each after that

ADDITIONAL FEES

- bill payments and Interac™ purchases are \$1.25 each plus an additional \$1.25 debit fee

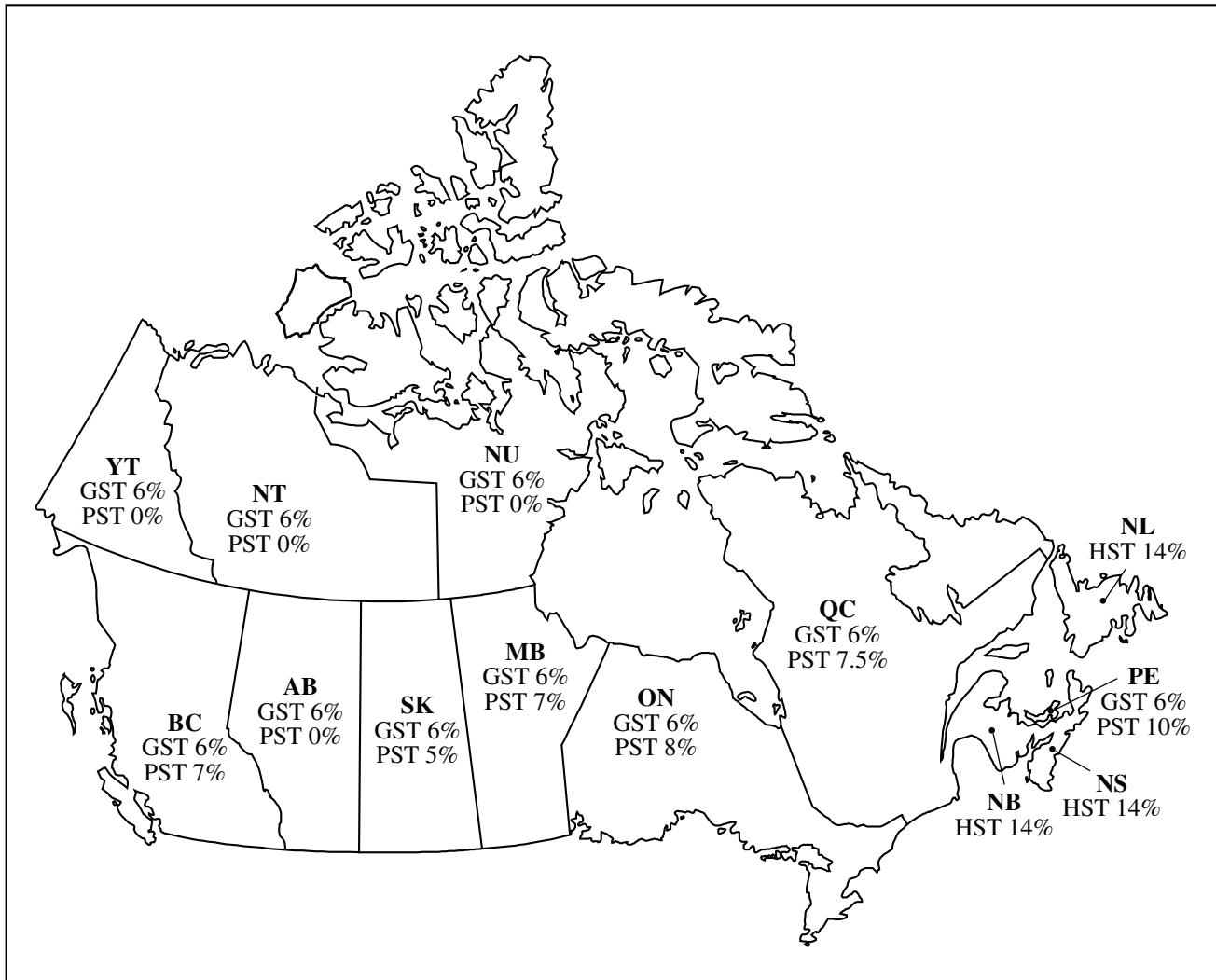
RECORD-KEEPING OPTIONS

- monthly statement or passbook \$1.00; free when minimum monthly balance is \$1000.00

ADDITIONAL FEATURES

- daily interest that grows with your balance

SALES TAXES IN CANADA (2007)



**Canada Pension Plan Contributions
Weekly (52 pay periods a year)**

**Cotisations au Régime de pensions du Canada
Hebdomadaire (52 périodes de paie par année)**

Pay Rémunération		CPP RPC	Pay Rémunération		CPP RPC	Pay Rémunération		CPP RPC	Pay Rémunération		CPP RPC
From - De	To - À		From - De	To - À		From - De	To - À		From - De	To - À	
299.93 - 300.12	11.52	314.48 - 314.67	12.24	329.02 - 329.21	12.96	343.57 - 343.76	13.68				
300.13 - 300.33	11.53	314.68 - 314.87	12.25	329.22 - 329.42	12.97	343.77 - 343.96	13.69				
300.34 - 300.53	11.54	314.88 - 315.07	12.26	329.43 - 329.62	12.98	343.97 - 344.16	13.70				
300.54 - 300.73	11.55	315.08 - 315.27	12.27	329.63 - 329.82	12.99	344.17 - 344.37	13.71				
300.74 - 300.93	11.56	315.28 - 315.48	12.28	329.83 - 330.02	13.00	344.38 - 344.57	13.72				
300.94 - 301.13	11.57	315.49 - 315.68	12.29	330.03 - 330.22	13.01	344.58 - 344.77	13.73				
301.14 - 301.34	11.58	315.69 - 315.88	12.30	330.23 - 330.43	13.02	344.78 - 344.97	13.74				
301.35 - 301.54	11.59	315.89 - 316.08	12.31	330.44 - 330.63	13.03	344.98 - 345.17	13.75				
301.55 - 301.74	11.60	316.09 - 316.28	12.32	330.64 - 330.83	13.04	345.18 - 345.38	13.76				
301.75 - 301.94	11.61	316.29 - 316.49	12.33	330.84 - 331.03	13.05	345.39 - 345.58	13.77				
301.95 - 302.14	11.62	316.50 - 316.69	12.34	331.04 - 331.23	13.06	345.59 - 345.78	13.78				
302.15 - 302.35	11.63	316.70 - 316.89	12.35	331.24 - 331.44	13.07	345.79 - 345.98	13.79				
302.36 - 302.55	11.64	316.90 - 317.09	12.36	331.45 - 331.64	13.08	345.99 - 346.18	13.80				
302.56 - 302.75	11.65	317.10 - 317.29	12.37	331.65 - 331.84	13.09	346.19 - 346.39	13.81				
302.76 - 302.95	11.66	317.30 - 317.50	12.38	331.85 - 332.04	13.10	346.40 - 346.59	13.82				
302.96 - 303.15	11.67	317.51 - 317.70	12.39	332.05 - 332.24	13.11	346.60 - 346.78	13.83				
303.16 - 303.36	11.68	317.71 - 317.90	12.40	332.25 - 332.45	13.12	346.79 - 346.99	13.84				
303.37 - 303.56	11.69	317.91 - 318.10	12.41	332.46 - 332.65	13.13	347.00 - 347.19	13.85				
303.57 - 303.76	11.70	318.11 - 318.31	12.42	332.66 - 332.85	13.14	347.20 - 347.40	13.86				
303.77 - 303.96	11.71	318.32 - 318.51	12.43	332.86 - 333.05	13.15	347.41 - 347.60	13.87				
303.97 - 304.16	11.72	318.52 - 318.71	12.44	333.06 - 333.25	13.16	347.61 - 347.80	13.88				
304.17 - 304.37	11.73	318.72 - 318.91	12.45	333.26 - 333.46	13.17	347.81 - 348.00	13.89				
304.38 - 304.57	11.74	318.92 - 319.11	12.46	333.47 - 333.66	13.18	348.01 - 348.20	13.90				
304.58 - 304.77	11.75	319.12 - 319.32	12.47	333.67 - 333.86	13.19	348.21 - 348.41	13.91				
304.78 - 304.97	11.76	319.33 - 319.52	12.48	333.87 - 334.06	13.20	348.42 - 348.61	13.92				
304.98 - 305.17	11.77	319.53 - 319.72	12.49	334.07 - 334.26	13.21	348.62 - 348.81	13.93				
305.18 - 305.38	11.78	319.73 - 319.92	12.50	334.27 - 334.47	13.22	348.82 - 349.01	13.94				
305.39 - 305.58	11.79	319.93 - 320.12	12.51	334.48 - 334.67	13.23	349.02 - 349.21	13.95				
305.59 - 305.78	11.80	320.13 - 320.33	12.52	334.68 - 334.87	13.24	349.22 - 349.42	13.96				
305.79 - 305.98	11.81	320.34 - 320.53	12.53	334.88 - 335.07	13.25	349.43 - 349.62	13.97				
305.99 - 306.18	11.82	320.54 - 320.73	12.54	335.08 - 335.27	13.26	349.63 - 349.82	13.98				
306.19 - 306.39	11.83	320.74 - 320.93	12.55	335.28 - 335.48	13.27	349.83 - 350.02	13.99				
306.40 - 306.59	11.84	320.94 - 321.13	12.56	335.49 - 335.68	13.28	350.03 - 350.22	14.00				
306.60 - 306.78	11.85	321.14 - 321.34	12.57	335.69 - 335.88	13.29	350.23 - 350.43	14.01				
306.79 - 306.99	11.86	321.35 - 321.54	12.58	335.89 - 336.08	13.30	350.44 - 350.63	14.02				
307.00 - 307.19	11.87	321.55 - 321.74	12.59	336.09 - 336.28	13.31	350.64 - 350.83	14.03				
307.20 - 307.40	11.88	321.75 - 321.94	12.60	336.29 - 336.49	13.32	350.84 - 351.03	14.04				
307.41 - 307.60	11.89	321.95 - 322.14	12.61	336.50 - 336.69	13.33	351.04 - 351.23	14.05				
307.61 - 307.80	11.90	322.15 - 322.35	12.62	336.70 - 336.89	13.34	351.24 - 351.44	14.06				
307.81 - 308.00	11.91	322.36 - 322.55	12.63	336.90 - 337.09	13.35	351.45 - 351.64	14.07				
308.01 - 308.20	11.92	322.56 - 322.75	12.64	337.10 - 337.29	13.36	351.65 - 351.84	14.08				
308.21 - 308.41	11.93	322.76 - 322.95	12.65	337.30 - 337.50	13.37	351.85 - 352.04	14.09				
308.42 - 308.61	11.94	322.96 - 323.15	12.66	337.51 - 337.70	13.38	352.05 - 352.24	14.10				
308.62 - 308.81	11.95	323.16 - 323.36	12.67	337.71 - 337.90	13.39	352.25 - 352.45	14.11				
308.82 - 309.01	11.96	323.37 - 323.56	12.68	337.91 - 338.10	13.40	352.46 - 352.65	14.12				
309.02 - 309.21	11.97	323.57 - 323.76	12.69	338.11 - 338.31	13.41	352.66 - 352.85	14.13				
309.22 - 309.42	11.98	323.77 - 323.96	12.70	338.32 - 338.51	13.42	352.86 - 353.05	14.14				
309.43 - 309.62	11.99	323.97 - 324.16	12.71	338.52 - 338.71	13.43	353.06 - 353.25	14.15				
309.63 - 309.82	12.00	324.17 - 324.37	12.72	338.72 - 338.91	13.44	353.26 - 353.46	14.16				
309.83 - 310.02	12.01	324.38 - 324.57	12.73	338.92 - 339.11	13.45	353.47 - 353.66	14.17				
310.03 - 310.22	12.02	324.58 - 324.77	12.74	339.12 - 339.32	13.46	353.67 - 353.86	14.18				
310.23 - 310.43	12.03	324.78 - 324.97	12.75	339.33 - 339.52	13.47	353.87 - 354.06	14.19				
310.44 - 310.63	12.04	324.98 - 325.17	12.76	339.53 - 339.72	13.48	354.07 - 354.26	14.20				
310.64 - 310.83	12.05	325.18 - 325.38	12.77	339.73 - 339.92	13.49	354.27 - 354.47	14.21				
310.84 - 311.03	12.06	325.39 - 325.58	12.78	339.93 - 340.12	13.50	354.48 - 354.67	14.22				
311.04 - 311.23	12.07	325.59 - 325.78	12.79	340.13 - 340.33	13.51	354.68 - 354.87	14.23				
311.24 - 311.44	12.08	325.79 - 325.98	12.80	340.34 - 340.53	13.52	354.88 - 355.07	14.24				
311.45 - 311.64	12.09	325.99 - 326.18	12.81	340.54 - 340.73	13.53	355.08 - 355.27	14.25				
311.65 - 311.84	12.10	326.19 - 326.39	12.82	340.74 - 340.93	13.54	355.28 - 355.48	14.26				
311.85 - 312.04	12.11	326.40 - 326.59	12.83	340.94 - 341.13	13.55	355.49 - 355.68	14.27				
312.05 - 312.24	12.12	326.60 - 326.78	12.84	341.14 - 341.34	13.56	355.69 - 355.88	14.28				
312.25 - 312.45	12.13	326.79 - 326.99	12.85	341.35 - 341.54	13.57	355.89 - 356.08	14.29				
312.46 - 312.65	12.14	327.00 - 327.19	12.86	341.55 - 341.74	13.58	356.09 - 356.28	14.30				
312.66 - 312.85	12.15	327.20 - 327.40	12.87	341.75 - 341.94	13.59	356.29 - 356.49	14.31				
312.86 - 313.05	12.16	327.41 - 327.60	12.88	341.95 - 342.14	13.60	356.50 - 356.69	14.32				
313.06 - 313.25	12.17	327.61 - 327.80	12.89	342.15 - 342.35	13.61	356.70 - 356.89	14.33				
313.26 - 313.46	12.18	327.81 - 328.00	12.90	342.36 - 342.55	13.62	356.90 - 357.09	14.34				
313.47 - 313.66	12.19	328.01 - 328.20	12.91	342.56 - 342.75	13.63	357.10 - 357.29	14.35				
313.67 - 313.86	12.20	328.21 - 328.41	12.92	342.76 - 342.95	13.64	357.30 - 357.50	14.36				
313.87 - 314.06	12.21	328.42 - 328.61	12.93	342.96 - 343.15	13.65	357.51 - 357.70	14.37				
314.07 - 314.26	12.22	328.62 - 328.81	12.94	343.16 - 343.36	13.66	357.71 - 357.90	14.38				
314.27 - 314.47	12.23	328.82 - 329.01	12.95	343.37 - 343.56	13.67	357.91 - 358.10	14.39				

Employee's maximum CPP contribution for 2003 is \$1,801.80

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La cotisation maximale de l'employé au RPC pour 2003 est de 1 801,80 \$

Employment Insurance Premiums

Cotisations à l'assurance-emploi

Insurable Earnings Rémunération assurable		EI premium Cotisation d'AE	Insurable Earnings Rémunération assurable		EI premium Cotisation d'AE	Insurable Earnings Rémunération assurable		EI premium Cotisation d'AE	Insurable Earnings Rémunération assurable		EI premium Cotisation d'AE
From - De	To - À		From - De	To - À		From - De	To - À		From - De	To - À	
274.53 - 274.99	5.77	308.81 - 309.28	6.49	343.10 - 343.57	7.21	377.39 - 377.85	7.93				
275.00 - 275.47	5.78	309.29 - 309.76	6.50	343.58 - 344.04	7.22	377.86 - 378.33	7.94				
275.48 - 275.95	5.79	309.77 - 310.23	6.51	344.05 - 344.52	7.23	378.34 - 378.80	7.95				
275.96 - 276.42	5.80	310.24 - 310.71	6.52	344.53 - 344.99	7.24	378.81 - 379.28	7.96				
276.43 - 276.90	5.81	310.72 - 311.19	6.53	345.00 - 345.47	7.25	379.29 - 379.76	7.97				
276.91 - 277.38	5.82	311.20 - 311.66	6.54	345.48 - 345.95	7.26	379.77 - 380.23	7.98				
277.39 - 277.85	5.83	311.67 - 312.14	6.55	345.96 - 346.42	7.27	380.24 - 380.71	7.99				
277.86 - 278.33	5.84	312.15 - 312.61	6.56	346.43 - 346.90	7.28	380.72 - 381.19	8.00				
278.34 - 278.80	5.85	312.62 - 313.09	6.57	346.91 - 347.38	7.29	381.20 - 381.66	8.01				
278.81 - 279.28	5.86	313.10 - 313.57	6.58	347.39 - 347.85	7.30	381.67 - 382.14	8.02				
279.29 - 279.76	5.87	313.58 - 314.04	6.59	347.86 - 348.33	7.31	382.15 - 382.61	8.03				
279.77 - 280.23	5.88	314.05 - 314.52	6.60	348.34 - 348.80	7.32	382.62 - 383.09	8.04				
280.24 - 280.71	5.89	314.53 - 314.99	6.61	348.81 - 349.28	7.33	383.10 - 383.57	8.05				
280.72 - 281.19	5.90	315.00 - 315.47	6.62	349.29 - 349.76	7.34	383.58 - 384.04	8.06				
281.20 - 281.66	5.91	315.48 - 315.95	6.63	349.77 - 350.23	7.35	384.05 - 384.52	8.07				
281.67 - 282.14	5.92	315.96 - 316.42	6.64	350.24 - 350.71	7.36	384.53 - 384.99	8.08				
282.15 - 282.61	5.93	316.43 - 316.90	6.65	350.72 - 351.19	7.37	385.00 - 385.47	8.09				
282.62 - 283.09	5.94	316.91 - 317.38	6.66	351.20 - 351.66	7.38	385.48 - 385.95	8.10				
283.10 - 283.57	5.95	317.39 - 317.85	6.67	351.67 - 352.14	7.39	385.96 - 386.42	8.11				
283.58 - 284.04	5.96	317.86 - 318.33	6.68	352.15 - 352.61	7.40	386.43 - 386.90	8.12				
284.05 - 284.52	5.97	318.34 - 318.80	6.69	352.62 - 353.09	7.41	386.91 - 387.38	8.13				
284.53 - 284.99	5.98	318.81 - 319.28	6.70	353.10 - 353.57	7.42	387.39 - 387.85	8.14				
285.00 - 285.47	5.99	319.29 - 319.76	6.71	353.58 - 354.04	7.43	387.86 - 388.33	8.15				
285.48 - 285.95	6.00	319.77 - 320.23	6.72	354.05 - 354.52	7.44	388.34 - 388.80	8.16				
285.96 - 286.42	6.01	320.24 - 320.71	6.73	354.53 - 354.99	7.45	388.81 - 389.28	8.17				
286.43 - 286.90	6.02	320.72 - 321.19	6.74	355.00 - 355.47	7.46	389.29 - 389.76	8.18				
286.91 - 287.38	6.03	321.20 - 321.66	6.75	355.48 - 355.95	7.47	389.77 - 390.23	8.19				
287.39 - 287.85	6.04	321.67 - 322.14	6.76	355.96 - 356.42	7.48	390.24 - 390.71	8.20				
287.86 - 288.33	6.05	322.15 - 322.61	6.77	356.43 - 356.90	7.49	390.72 - 391.19	8.21				
288.34 - 288.80	6.06	322.62 - 323.09	6.78	356.91 - 357.38	7.50	391.20 - 391.66	8.22				
288.81 - 289.28	6.07	323.10 - 323.57	6.79	357.39 - 357.85	7.51	391.67 - 392.14	8.23				
289.29 - 289.76	6.08	323.58 - 324.04	6.80	357.86 - 358.33	7.52	392.15 - 392.61	8.24				
289.77 - 290.23	6.09	324.05 - 324.52	6.81	358.34 - 358.80	7.53	392.62 - 393.09	8.25				
290.24 - 290.71	6.10	324.53 - 324.99	6.82	358.81 - 359.28	7.54	393.10 - 393.57	8.26				
290.72 - 291.19	6.11	325.00 - 325.47	6.83	359.29 - 359.76	7.55	393.58 - 394.04	8.27				
291.20 - 291.66	6.12	325.48 - 325.95	6.84	359.77 - 360.23	7.56	394.05 - 394.52	8.28				
291.67 - 292.14	6.13	325.96 - 326.42	6.85	360.24 - 360.71	7.57	394.53 - 394.99	8.29				
292.15 - 292.61	6.14	326.43 - 326.90	6.86	360.72 - 361.19	7.58	395.00 - 395.47	8.30				
292.62 - 293.09	6.15	326.91 - 327.38	6.87	361.20 - 361.66	7.59	395.48 - 395.95	8.31				
293.10 - 293.57	6.16	327.39 - 327.85	6.88	361.67 - 362.14	7.60	395.96 - 396.42	8.32				
293.58 - 294.04	6.17	327.86 - 328.33	6.89	362.15 - 362.61	7.61	396.43 - 396.90	8.33				
294.05 - 294.52	6.18	328.34 - 328.80	6.90	362.62 - 363.09	7.62	396.91 - 397.38	8.34				
294.53 - 294.99	6.19	328.81 - 329.28	6.91	363.10 - 363.57	7.63	397.39 - 397.85	8.35				
295.00 - 295.47	6.20	329.29 - 329.76	6.92	363.58 - 364.04	7.64	397.86 - 398.33	8.36				
295.48 - 295.95	6.21	329.77 - 330.23	6.93	364.05 - 364.52	7.65	398.34 - 398.80	8.37				
295.96 - 296.42	6.22	330.24 - 330.71	6.94	364.53 - 364.99	7.66	398.81 - 399.28	8.38				
296.43 - 296.90	6.23	330.72 - 331.19	6.95	365.00 - 365.47	7.67	399.29 - 399.76	8.39				
296.91 - 297.38	6.24	331.20 - 331.66	6.96	365.48 - 365.95	7.68	399.77 - 400.23	8.40				
297.39 - 297.85	6.25	331.67 - 332.14	6.97	365.96 - 366.42	7.69	400.24 - 400.71	8.41				
297.86 - 298.33	6.26	332.15 - 332.61	6.98	366.43 - 366.90	7.70	400.72 - 401.19	8.42				
298.34 - 298.80	6.27	332.62 - 333.09	6.99	366.91 - 367.38	7.71	401.20 - 401.66	8.43				
298.81 - 299.28	6.28	333.10 - 333.57	7.00	367.39 - 367.85	7.72	401.67 - 402.14	8.44				
299.29 - 299.76	6.29	333.58 - 334.04	7.01	367.86 - 368.33	7.73	402.15 - 402.61	8.45				
299.77 - 300.23	6.30	334.05 - 334.52	7.02	368.34 - 368.80	7.74	402.62 - 403.09	8.46				
300.24 - 300.71	6.31	334.53 - 334.99	7.03	368.81 - 369.28	7.75	403.10 - 403.57	8.47				
300.72 - 301.19	6.32	335.00 - 335.47	7.04	369.29 - 369.76	7.76	403.58 - 404.04	8.48				
301.20 - 301.66	6.33	335.48 - 335.95	7.05	369.77 - 370.23	7.77	404.05 - 404.52	8.49				
301.67 - 302.14	6.34	335.96 - 336.42	7.06	370.24 - 370.71	7.78	404.53 - 404.99	8.50				
302.15 - 302.61	6.35	336.43 - 336.90	7.07	370.72 - 371.19	7.79	405.00 - 405.47	8.51				
302.62 - 303.09	6.36	336.91 - 337.38	7.08	371.20 - 371.66	7.80	405.48 - 405.95	8.52				
303.10 - 303.57	6.37	337.39 - 337.85	7.09	371.67 - 372.14	7.81	405.96 - 406.42	8.53				
303.58 - 304.04	6.38	337.86 - 338.33	7.10	372.15 - 372.61	7.82	406.43 - 406.90	8.54				
304.05 - 304.52	6.39	338.34 - 338.80	7.11	372.62 - 373.09	7.83	406.91 - 407.38	8.55				
304.53 - 304.99	6.40	338.81 - 339.28	7.12	373.10 - 373.57	7.84	407.39 - 407.85	8.56				
305.00 - 305.47	6.41	339.29 - 339.76	7.13	373.58 - 374.04	7.85	407.86 - 408.33	8.57				
305.48 - 305.95	6.42	339.77 - 340.23	7.14	374.05 - 374.52	7.86	408.34 - 408.80	8.58				
305.96 - 306.42	6.43	340.24 - 340.71	7.15	374.53 - 374.99	7.87	408.81 - 409.28	8.59				
306.43 - 306.90	6.44	340.72 - 341.19	7.16	375.00 - 375.47	7.88	409.29 - 409.76	8.60				
306.91 - 307.38	6.45	341.20 - 341.66	7.17	375.48 - 375.95	7.89	409.77 - 410.23	8.61				
307.39 - 307.85	6.46	341.67 - 342.14	7.18	375.96 - 376.42	7.90	410.24 - 410.71	8.62				
307.86 - 308.33	6.47	342.15 - 342.61	7.19	376.43 - 376.90	7.91	410.72 - 411.19	8.63				
308.34 - 308.80	6.48	342.62 - 343.09	7.20	376.91 - 377.38	7.92	411.20 - 411.66	8.64				

Yearly maximum insurable earnings are \$39,000
 Yearly maximum employee premiums are \$819.00
 The premium rate for 2003 is 2.10 %

C-3

Le maximum annuel de la rémunération assurable est de 39 000 \$
 La cotisation maximale annuelle de l'employé est de 819,00 \$
 Le taux de cotisations pour 2003 est de 2,10 %

Federal tax deductions
Effective January 1, 2003
Weekly (52 pay periods a year)
Also look up the tax deductions
in the provincial table

Retenues d'impôt fédéral
En vigueur le 1^{er} janvier 2003
Hebdomadaire (52 périodes de paie par année)
Cherchez aussi les retenues d'impôt
dans la table provinciale

Pay Rémunération		Federal claim codes/Codes de demande fédéraux										
		0	1	2	3	4	5	6	7	8	9	10
From De	Less than Moins de	Deduct from each pay Retenez sur chaque paie										
266.	- 270	40.40	16.55	13.90	8.60	3.30						
270.	- 274	41.00	17.10	14.45	9.20	3.90						
274.	- 278	41.60	17.70	15.05	9.75	4.50						
278.	- 282	42.15	18.30	15.65	10.35	5.05						
282.	- 286	42.75	18.90	16.25	10.95	5.65	.35					
286.	- 290	43.35	19.50	16.85	11.55	6.25	.95					
290.	- 294	43.95	20.10	17.45	12.15	6.85	1.55					
294.	- 298	44.55	20.70	18.05	12.75	7.45	2.15					
298.	- 302	45.15	21.30	18.65	13.35	8.05	2.75					
302.	- 306	45.75	21.90	19.25	13.95	8.65	3.35					
306.	- 310	46.35	22.45	19.85	14.55	9.25	3.95					
310.	- 314	46.95	23.05	20.40	15.15	9.85	4.55					
314.	- 318	47.55	23.65	21.00	15.70	10.45	5.15					
318.	- 322	48.10	24.25	21.60	16.30	11.00	5.75	.45				
322.	- 326	48.70	24.85	22.20	16.90	11.60	6.30	1.00				
326.	- 330	49.30	25.45	22.80	17.50	12.20	6.90	1.60				
330.	- 334	49.90	26.05	23.40	18.10	12.80	7.50	2.20				
334.	- 338	50.50	26.65	24.00	18.70	13.40	8.10	2.80				
338.	- 342	51.10	27.25	24.60	19.30	14.00	8.70	3.40				
342.	- 346	51.70	27.85	25.20	19.90	14.60	9.30	4.00				
346.	- 350	52.30	28.40	25.80	20.50	15.20	9.90	4.60				
350.	- 354	52.90	29.00	26.35	21.05	15.80	10.50	5.20				
354.	- 358	53.50	29.60	26.95	21.65	16.35	11.10	5.80	.50			
358.	- 362	54.05	30.20	27.55	22.25	16.95	11.65	6.40	1.10			
362.	- 366	54.65	30.80	28.15	22.85	17.55	12.25	6.95	1.70			
366.	- 370	55.25	31.40	28.75	23.45	18.15	12.85	7.55	2.25			
370.	- 374	55.85	32.00	29.35	24.05	18.75	13.45	8.15	2.85			
374.	- 378	56.45	32.60	29.95	24.65	19.35	14.05	8.75	3.45			
378.	- 382	57.05	33.20	30.55	25.25	19.95	14.65	9.35	4.05			
382.	- 386	57.65	33.80	31.15	25.85	20.55	15.25	9.95	4.65			
386.	- 390	58.25	34.35	31.70	26.45	21.15	15.85	10.55	5.25			
390.	- 394	58.85	34.95	32.30	27.00	21.75	16.45	11.15	5.85	.55		
394.	- 398	59.45	35.55	32.90	27.60	22.30	17.05	11.75	6.45	1.15		
398.	- 402	60.00	36.15	33.50	28.20	22.90	17.60	12.35	7.05	1.75		
402.	- 406	60.60	36.75	34.10	28.80	23.50	18.20	12.90	7.65	2.35		
406.	- 410	61.20	37.35	34.70	29.40	24.10	18.80	13.50	8.20	2.95		
410.	- 414	61.80	37.95	35.30	30.00	24.70	19.40	14.10	8.80	3.50		
414.	- 418	62.40	38.55	35.90	30.60	25.30	20.00	14.70	9.40	4.10		
418.	- 422	63.00	39.15	36.50	31.20	25.90	20.60	15.30	10.00	4.70		
422.	- 426	63.60	39.75	37.10	31.80	26.50	21.20	15.90	10.60	5.30		
426.	- 430	64.20	40.30	37.65	32.40	27.10	21.80	16.50	11.20	5.90	.60	
430.	- 434	64.80	40.90	38.25	32.95	27.70	22.40	17.10	11.80	6.50	1.20	
434.	- 438	65.35	41.50	38.85	33.55	28.25	23.00	17.70	12.40	7.10	1.80	
438.	- 442	65.95	42.10	39.45	34.15	28.85	23.55	18.30	13.00	7.70	2.40	
442.	- 446	66.55	42.70	40.05	34.75	29.45	24.15	18.85	13.60	8.30	3.00	
446.	- 450	67.15	43.30	40.65	35.35	30.05	24.75	19.45	14.15	8.85	3.60	
450.	- 454	67.75	43.90	41.25	35.95	30.65	25.35	20.05	14.75	9.45	4.15	
454.	- 458	68.35	44.50	41.85	36.55	31.25	25.95	20.65	15.35	10.05	4.75	
458.	- 462	68.95	45.10	42.45	37.15	31.85	26.55	21.25	15.95	10.65	5.35	.05
462.	- 466	69.55	45.65	43.05	37.75	32.45	27.15	21.85	16.55	11.25	5.95	.65
466.	- 470	70.15	46.25	43.60	38.35	33.05	27.75	22.45	17.15	11.85	6.55	1.25
470.	- 474	70.75	46.85	44.20	38.90	33.65	28.35	23.05	17.75	12.45	7.15	1.85
474.	- 478	71.30	47.45	44.80	39.50	34.20	28.95	23.65	18.35	13.05	7.75	2.45
478.	- 482	71.90	48.05	45.40	40.10	34.80	29.50	24.20	18.95	13.65	8.35	3.05
482.	- 486	72.50	48.65	46.00	40.70	35.40	30.10	24.80	19.50	14.25	8.95	3.65

This table is available on diskette (TOD).

D-2

Vous pouvez obtenir cette table sur disquette (TSD).

British Columbia
 Provincial tax deductions effective January 1, 2003
 Weekly (52 pay periods a year)
 Also look up the tax deductions
 in the federal table

Colombie-Britannique
 Retenues d'impôt provincial en vigueur le 1^{er} janvier 2003
 Hebdomadaire (52 périodes de paie par année)
 Cherchez aussi les retenues d'impôt
 dans la table fédérale

Pay Rémunération		Provincial claim codes/Codes de demande provinciaux										
		0	1	2	3	4	5	6	7	8	9	10
From	Less than	Deduct from each pay										
De	Moins de	Retenez sur chaque paie										
277. -	281	15.90	6.25	5.15	2.95	.80						
281. -	285	16.10	6.45	5.35	3.20	1.00						
285. -	289	16.35	6.70	5.60	3.40	1.25						
289. -	293	16.55	6.90	5.80	3.65	1.45						
293. -	297	16.80	7.15	6.05	3.85	1.70						
297. -	301	17.00	7.35	6.25	4.10	1.90						
301. -	305	17.25	7.60	6.50	4.30	2.15						
305. -	309	17.45	7.80	6.70	4.55	2.35	.20					
309. -	313	17.70	8.05	6.95	4.75	2.60	.40					
313. -	317	17.90	8.25	7.15	5.00	2.80	.65					
317. -	321	18.15	8.50	7.40	5.20	3.05	.85					
321. -	325	18.35	8.70	7.60	5.45	3.25	1.10					
325. -	329	18.60	8.95	7.85	5.65	3.50	1.30					
329. -	333	18.80	9.15	8.05	5.90	3.70	1.55					
333. -	337	19.05	9.40	8.30	6.10	3.95	1.75					
337. -	341	19.25	9.60	8.50	6.35	4.15	2.00					
341. -	345	19.50	9.85	8.75	6.55	4.40	2.20	.05				
345. -	349	19.70	10.05	8.95	6.80	4.60	2.45	.25				
349. -	353	19.95	10.30	9.20	7.00	4.85	2.65	.50				
353. -	357	20.15	10.50	9.40	7.25	5.05	2.90	.70				
357. -	361	20.40	10.75	9.65	7.45	5.30	3.10	.95				
361. -	365	20.60	10.95	9.85	7.70	5.50	3.35	1.15				
365. -	369	20.85	11.15	10.10	7.90	5.75	3.55	1.40				
369. -	373	21.05	11.40	10.30	8.15	5.95	3.80	1.60				
373. -	377	21.30	11.60	10.55	8.35	6.20	4.00	1.85				
377. -	381	21.50	11.85	10.75	8.60	6.40	4.25	2.05				
381. -	385	21.75	12.05	11.00	8.80	6.65	4.45	2.30	.10			
385. -	389	21.95	12.30	11.20	9.05	6.85	4.70	2.50	.35			
389. -	393	22.20	12.50	11.45	9.25	7.10	4.90	2.75	.55			
393. -	397	22.40	12.75	11.65	9.50	7.30	5.15	2.95	.80			
397. -	401	22.65	12.95	11.90	9.70	7.55	5.35	3.20	1.00			
401. -	405	22.85	13.20	12.10	9.95	7.75	5.60	3.40	1.25			
405. -	409	23.10	13.40	12.35	10.15	8.00	5.80	3.65	1.45			
409. -	413	23.30	13.65	12.55	10.40	8.20	6.05	3.85	1.70			
413. -	417	23.55	13.85	12.80	10.60	8.45	6.25	4.10	1.90			
417. -	421	23.75	14.10	13.00	10.85	8.65	6.50	4.30	2.15			
421. -	425	24.00	14.30	13.25	11.05	8.90	6.70	4.55	2.35	.20		
425. -	429	24.20	14.55	13.45	11.30	9.10	6.95	4.75	2.60	.40		
429. -	433	24.45	14.75	13.70	11.50	9.35	7.15	5.00	2.80	.65		
433. -	437	24.65	15.00	13.90	11.75	9.55	7.40	5.20	3.05	.85		
437. -	441	24.90	15.20	14.15	11.95	9.80	7.60	5.45	3.25	1.10		
441. -	445	25.10	15.45	14.35	12.20	10.00	7.85	5.65	3.50	1.30		
445. -	449	25.35	15.65	14.60	12.40	10.25	8.05	5.90	3.70	1.55		
449. -	453	25.55	15.90	14.80	12.65	10.45	8.30	6.10	3.95	1.75		
453. -	457	25.80	16.10	15.05	12.85	10.70	8.50	6.35	4.15	2.00		
457. -	461	26.00	16.35	15.25	13.10	10.90	8.75	6.55	4.40	2.20	.05	
461. -	465	26.25	16.55	15.50	13.30	11.15	8.95	6.80	4.60	2.45	.25	
465. -	469	26.45	16.80	15.70	13.55	11.35	9.20	7.00	4.85	2.65	.50	
469. -	473	26.70	17.00	15.95	13.75	11.60	9.40	7.25	5.05	2.90	.70	
473. -	477	26.90	17.25	16.15	14.00	11.80	9.65	7.45	5.30	3.10	.95	
477. -	481	27.15	17.45	16.40	14.20	12.05	9.85	7.70	5.50	3.35	1.15	
481. -	485	27.35	17.70	16.60	14.45	12.25	10.10	7.90	5.75	3.55	1.40	
485. -	489	27.60	17.90	16.85	14.65	12.50	10.30	8.15	5.95	3.80	1.60	
489. -	493	27.80	18.15	17.05	14.90	12.70	10.55	8.35	6.20	4.00	1.85	
493. -	497	28.05	18.35	17.30	15.10	12.95	10.75	8.60	6.40	4.25	2.05	

This table is available on diskette (TOD).

E-2

Vous pouvez obtenir cette table sur disquette (TSD).

TABLE OF CONVERSIONS

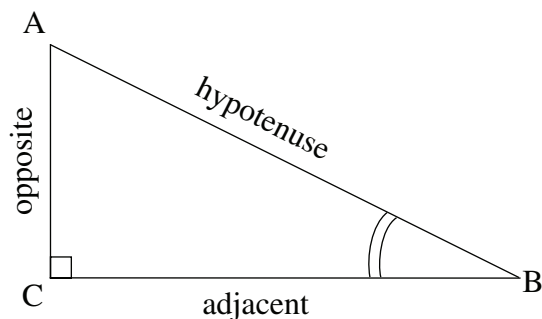
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1 inch	≅	25.4 millimetres
1 foot	≅	30.5 centimetres
1 foot	≅	305 millimetres
1 foot	≅	0.305 metres
1 foot	=	12 inches
1 yard	=	3 feet
1 yard	≅	0.915 metres
1 mile	=	1760 yards
1 mile	≅	1.6 kilometres
1 kilogram	≅	2.2 pounds
1 litre	≅	1.06 US quarts
1 litre	≅	0.88 Cdn quarts

THE THREE BASIC TRIGONOMETRIC RATIOS

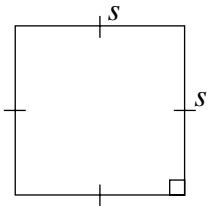
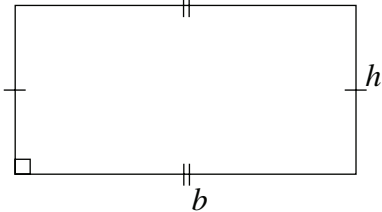
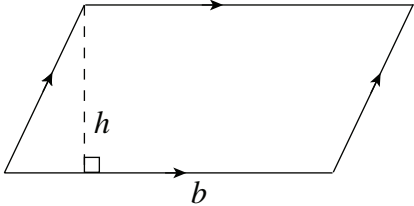
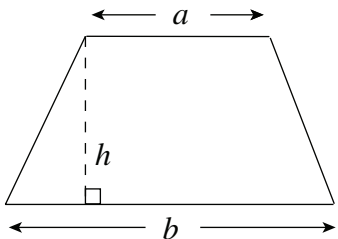
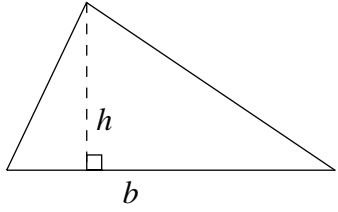
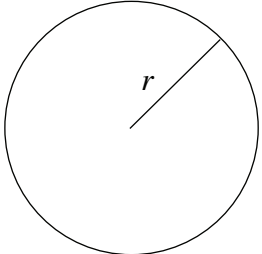
$$\text{Sine } B = \frac{\text{opposite}}{\text{hypotenuse}}$$

$$\text{Cosine } B = \frac{\text{adjacent}}{\text{hypotenuse}}$$

$$\text{Tangent } B = \frac{\text{opposite}}{\text{adjacent}}$$

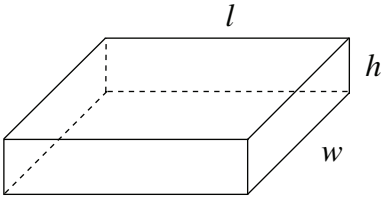
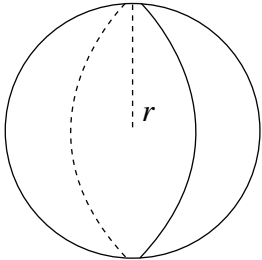
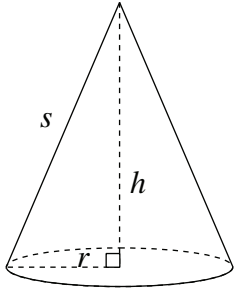
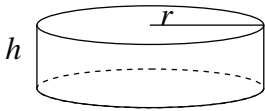
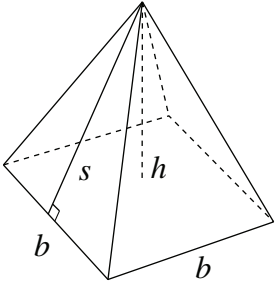


AREA FORMULAE

Figure	Diagram	Area (in square units)
Square		s^2
Rectangle		bh
Parallelogram		bh
Trapezoid		$\left(\frac{1}{2}\right)(a + b)h$
Triangle		$\left(\frac{1}{2}\right)bh$
Circle		πr^2

Note: Use the value of π programmed in your calculator rather than the approximation of 3.14.

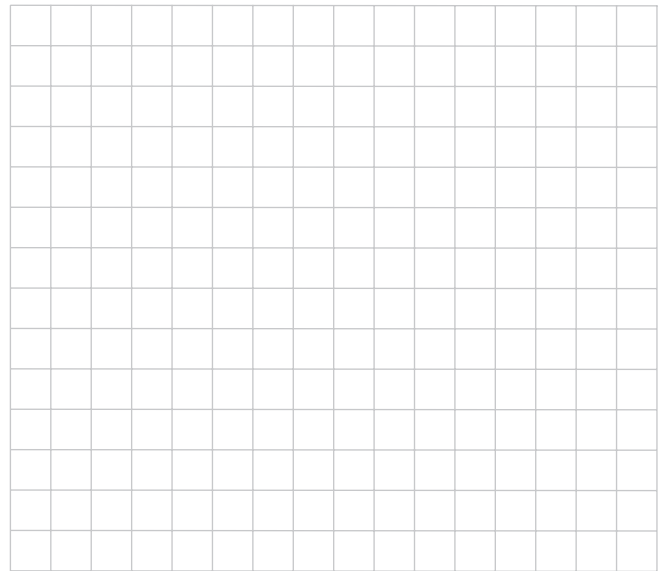
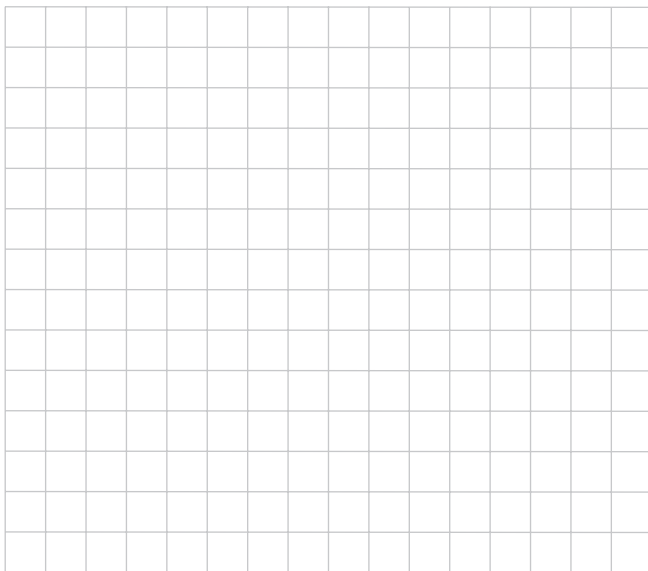
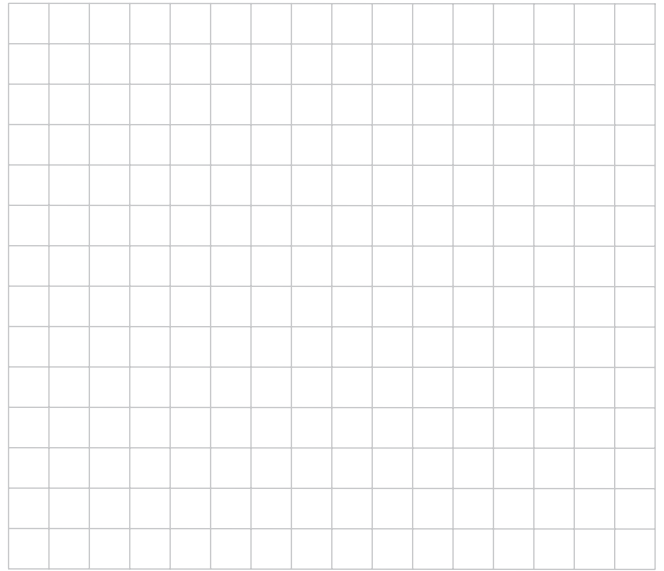
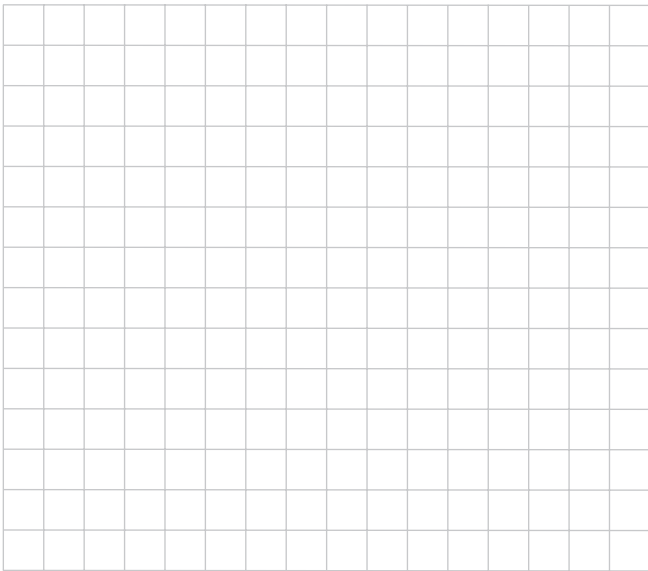
SURFACE AREA AND VOLUME FORMULAE

Object		Surface Area Formulae (in square units)	Volume Formulae (in cubic units)
Rectangular Solid		Top or bottom = lw Front or back = lh Either end = wh Entire rectangular solid $= 2lw + 2lh + 2wh$	lwh
Sphere		$4\pi r^2$	$\frac{4}{3}\pi r^3$
Cone		Side = πrs Bottom = πr^2 Entire cone = $\pi rs + \pi r^2$	$\frac{1}{3}\pi r^2 h$
Cylinder		Side = $2\pi rh$ Bottom = πr^2 Top = πr^2 Entire Cylinder = $2\pi rh + 2\pi r^2$	$\pi r^2 h$
Pyramid (square based)		Each side = $\frac{1}{2}bs$ Bottom = b^2 Entire pyramid = $2bs + b^2$	$\frac{1}{3}b^2 h$

Note: Use the value of π programmed in your calculator rather than the approximation of 3.14.

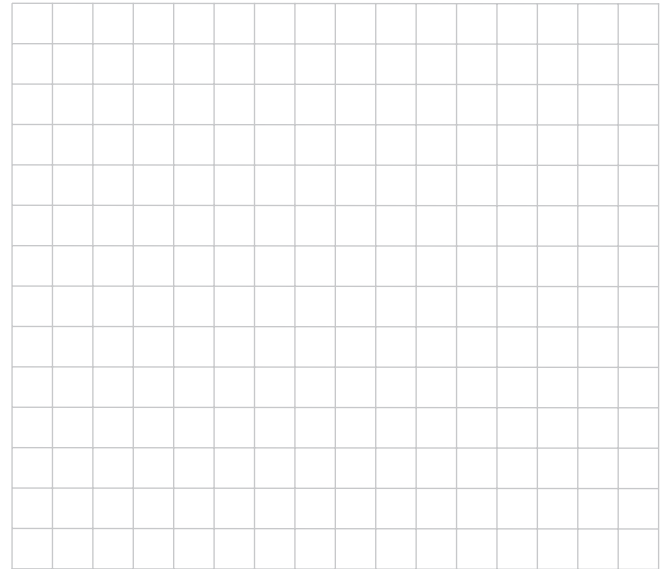
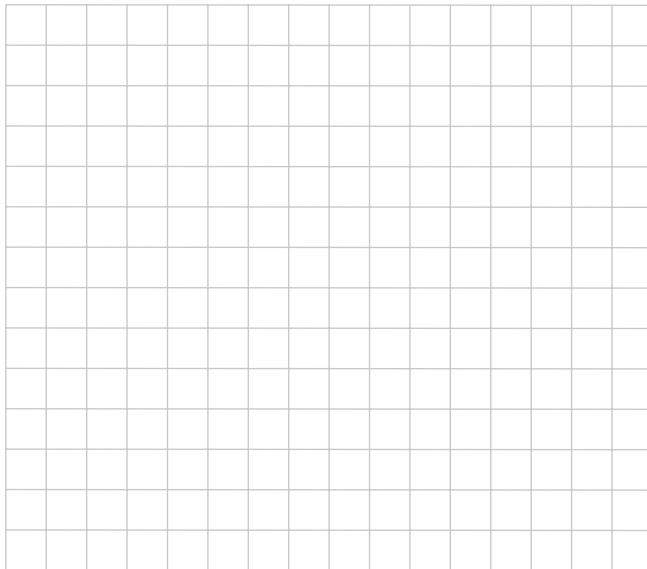
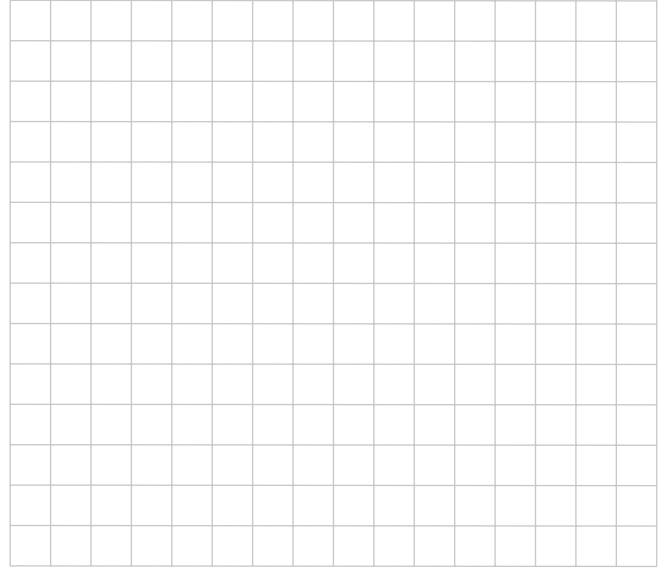
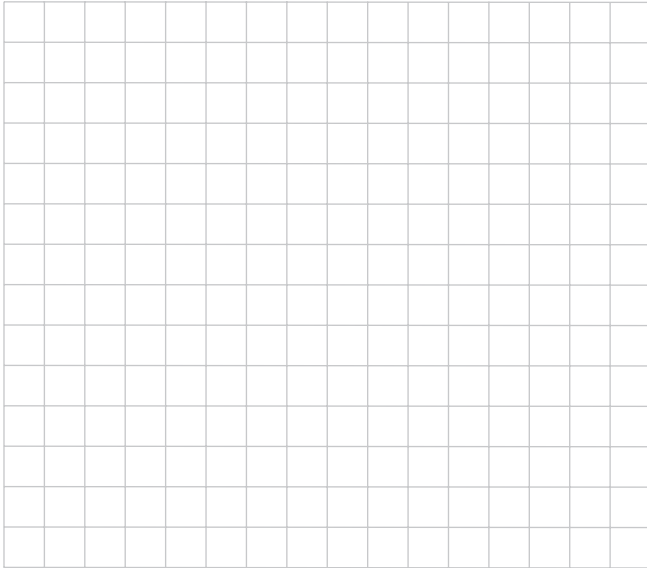
ROUGH WORK FOR GRAPHING

(No marks will be given for work done on this page.)



ROUGH WORK FOR GRAPHING

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ROUGH WORK SPACE