New Syllabus

Primary Mathematics

5A WORKBOOK 1

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3. Angles

1 Whole Numbers

WORKSHEET 1

Date: _____

Numbers beyond 100 000

1. Count the hundred thousands, ten thousands, thousands, hundreds, tens and ones and fill in the boxes.

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
100 000 100 000	10 000 10 000 10 000 10 000	1000 1000 1000	100 100	10 10 10 10 10 10 10	1 1 1 1 1

There are ____ hundred thousands, ____ ten thousands,

____ thousands, ____ hundreds, ____ tens and ____ ones.

200 000 + 40 000 + 3000 + 200 + 70 + 5 = ____

We write the number in words as _____

_____

2. What number does the following table show? Count the millions, hundred thousands, ten thousands, thousands, hundreds, tens and ones. Then fill in the boxes accordingly.

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
1 000 000	100 000	10 000	1000	100	10	1
1 000 000	100 000	10 000	1000	100	10	1
	100 000	10 000	1000		10	1
	100 000				10	1
	100 000				10	1
					10	

There are ☐ millions, ☐ hundred thousands, ☐ ten thousands, ☐ thousands, ☐ hundreds, ☐ tens and ☐ ones.

2 000 000 + 400 000 + 30 000 + 3000 + 200 + 60 + 5 = ☐

We write this number in words as _____

_____

3. Fill in the boxes with the correct numbers.

705 210 = ☐ + 5000 + 200 + 10
260 703 = 200 000 + ☐ + 700 + 3
596 180 = 500 000 + 90 000 + ☐ + 100 + 80
2 321 096 = ☐ + 300 000 + 20 000 + 1000 + 90 + 6
9 320 123 = 9 000 000 + ☐ + 20 000 + 100 + 20 + 3
4 570 524 = 4 000 000 + 500 000 + ☐ + 500 + 20 + 4
7 122 408 = ☐ + 100 000 + 20 000 + 2000 + 400 + 8
3 645 310 = 3 000 000 + ☐ + 40 000 + 5000 + 300 + 10

4. Write the following in numerals.

(a) Six hundred and thirty-four thousand

.....

(b) Five hundred and four thousand and twenty

.....

(c) Two hundred and fifty-two thousand, seven hundred and eighty-one

.....

(d) One million and sixty-three thousand

.....

(e) Three million, one hundred thousand, nine hundred and seventy

.....

(f) Eight million, three hundred and forty-one thousand, five hundred and sixty-three

.....

5. Write each of the following numbers in words.

(a) 54 000

_____

(b) 107 000

_____

(c) 163 000

_____

(d) 240 000

_____

(e) 1 080 000

_____

(f) 5 792 000

_____

6. Write each of the following numbers in words.

(a) 315 624

_____

(b) 604 147

_____

(c) 8 225 533

_____

(d) 1 156 732

_____

(e) 6 708 845

_____

(f) 9 765 432

_____

7. Fill in the boxes.

(i) In 3 468 502,

the digit 3 in the millions place stands for ☐,

the digit 4 in the ☐ place stands for 400 000,

the digit 8 in the thousands place stands for ☐,

the digit ☐ in the ten thousands place stands for 60 000,

the digit 5 in the hundreds place stands for ☐,

the digit 2 in the ☐ place stands for 2.

(ii) In 5 405 302, the digit 4 stands for ☐.

(iii) In 405 675, the digit 6 stands for ☐.

(iv) In 8 631 425, the digit 8 stands for ☐.

8. What does each of the digits in the given number stand for?

(a) **4 512 760**

(b) **3 751 403**

WORKSHEET 2

Date: _____

Comparing Numbers

1. Compare the two numbers in each place value table and fill in the blanks.

(a)

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
3	0	9	2	5	6	3
4	8	7	3	4	0	5

_____ is smaller than _____

(b)

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
6	3	4	7	3	0	5
6	0	8	6	6	4	3

_____ is greater than _____

2. Circle the smaller number in each pair.

(a) 853 625 and 678 323

(b) 637 628 and 629 335

(c) 3 245 123 and 5 154 378

(d) 5 234 305 and 5 300 980

3. Circle the greater number in each pair.

(a) 435 345 and 6 053 324

(b) 3 034 324 and 5 375 424

(c) 2 726 315 and 2 673 148

(d) 3 143 032 and 3 142 903

4. Circle the greatest number in each group.

(a) 895 304, 123 985, 308 456

(b) 600 475, 83 300, 703 386

(c) 577 415, 590 310, 435 577

(d) 3 725 603, 3 659 234, 1 359 358

5. Circle the smallest number in each group.

(a) 3 875 413, 1 045 378, 4 325 498

(b) 345 067, 1 325 432, 2 032 378

(c) 2 478 635, 2 534 374, 1 345 875

(d) 4 743 287, 4 746 343, 6 067 568

6. Arrange the numbers in each group from the greatest to the smallest.

(a) 825 037, 915 236, 705 305

_____, _____, _____

(b) 315 078, 302 875, 438 707

_____, _____, _____

(c) 435 737, 297 305, 430 023

_____, _____, _____

(d) 1 735 407, 4 155 376, 5 566 340

_____, _____, _____

(e) 7 635 057, 7 603 308, 7 700 350

_____, _____, _____

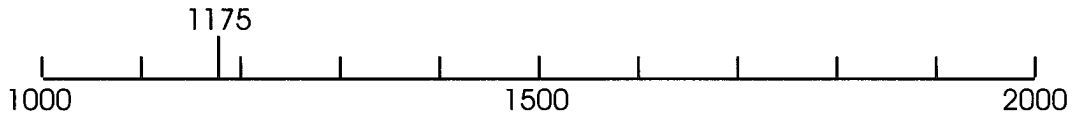
WORKSHEET 3

Date: ____

Approximation

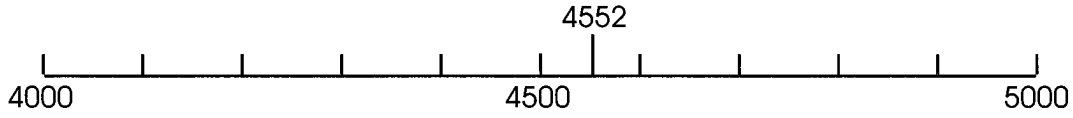
1. Round off each of the following numbers to the nearest thousand.

(a)



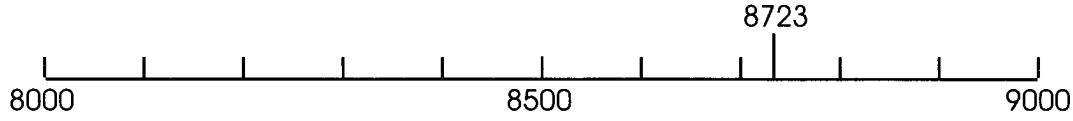
1175 ≈ ____

(b)



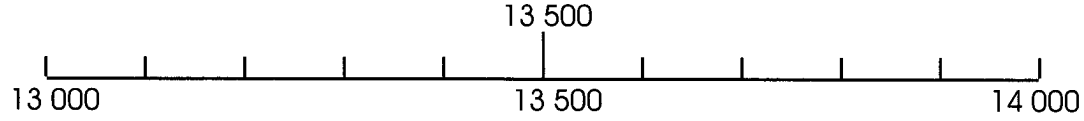
4552 ≈ ____

(c)



8723 ≈ ____

(d)



13 500 ≈ ____

2. Round off each of the following numbers to the nearest thousand.

(a) 989 . . . . . .

(b) 2508 . . . . . .

(c) 5878 . . . . . .

(d) 115 463 . . . . . .

(e) 732 965 . . . . . .

(f) 989 989 . . . . . .

(g) 3 158 148 . . . . . .

(h) 4 235 499 . . . . . .

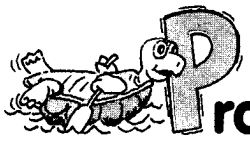
(i) 3 432 500 . . . . . .

3. David bought a computer at $2550. Round off this amount to the nearest thousand dollars.

4. The circumference of the earth is about 40 049 km. Round off the value to the nearest thousand km.

5. It is said that the distance from the earth to the moon is 384 436 km. Round off this distance to the nearest thousand km.

6. The population of a country in July 2005 was 6 276 883. Round off the population to the nearest thousand.



Practice 1

Date: _____

1. Write the number in numerals.

(a)

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
100 000 100 000 100 000 100 000	10 000 10 000 10 000	1000 1000 1000 1000 1000 1000	100 100 100	10 10 10 10 10 10 10 10	1

The number is _____.

(b)

Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
1 000 000 1 000 000 1 000 000 1 000 000 1 000 000 1 000 000	100 000 100 000 100 000 100 000 100 000	10 000	1000	100 100	10 10 10	1 1 1 1 1 1 1

The number is _____.

2. Write the following in numerals.

(a) Five hundred and three thousand, nine hundred and twenty-five.

(b) Twenty-five thousand, five hundred and four.

(c) Two million, six hundred and thirty-one thousand, nine hundred and eighty.

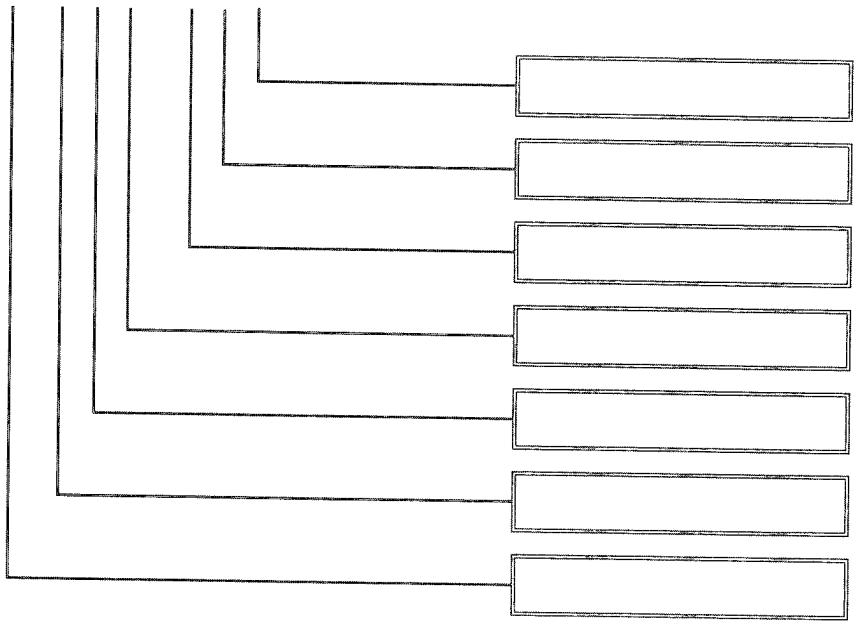
(d) Nine million, twenty thousand, five hundred and seventy-six.

(e) Four million, two thousand, seven hundred and five.

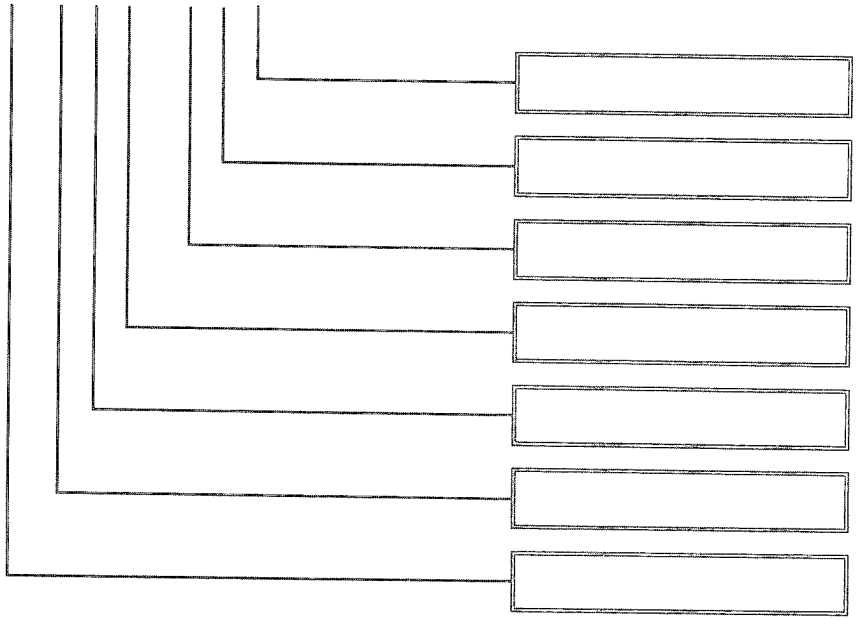
(f) Five million, two hundred and fifty thousand and forty.

3. Fill in the boxes with the value of each digit.

(a) **6 473 521**



(b) **3 697 435**



4. The populations of some countries in 2005 are shown below. Based on the information, answer questions (a) to (d).

Country	Population
Brunei	372 361
Singapore	4 225 823
East Timor	965 348
Iceland	294 315
Costa Rica	4 148 523

(a) Write the population of Brunei in words.

_____

(b) Write the population of Costa Rica in words.

_____

(c) Which country has a population of about 1 million?

_____

(d) Which country has the smallest population among the above countries?

_____

5. Arrange the numbers in each group from the greatest to the smallest.

(a) 825 607, 830 075, 732 543

_____, _____, _____

(b) 605 307, 436 034, 605 239

_____, _____, _____

(c) 1 740 395, 1 795 201, 1 603 396

_____, _____, _____

(d) 4 650 258, 3 925 570, 4 649 950

_____, _____, _____

(e) 3 753 466, 893 397, 839 453

_____, _____, _____

6. The following table shows the prices of some 5-room HDB flats. Round off each price to the nearest thousand dollars.

Flat Type	Price	Round off to the nearest thousand dollars
Flat A	$435 350	
Flat B	$374 600	
Flat C	$325 500	
Flat D	$398 900	
Flat E	$425 450	
Flat F	$375 600	

7. Fill in the blanks.

(a) In 600 915,

the digit 6 stands for ____

the digit 9 stands for ____

the digit 1 stands for ____

(b) In 2 315 687,

the digit 5 stands for ____

the digit 3 stands for ____

the digit 6 stands for ____

the digit 2 stands for ____

(c) In 4 500 358,

the digit 3 stands for ____

the digit 8 stands for ____

the digit 4 stands for ____

2 Four Operations

WORKSHEET 4

Date:

Multiplication

1. Multiply the following.

(a) $121 \times 10 =$	(b) $173 \times 10 =$
(c) $4035 \times 100 =$	(d) $65 \times 100 =$
(e) $204 \times 100 =$	(f) $3116 \times 1000 =$
(g) $37 \times 1000 =$	(h) $462 \times 1000 =$

2. Multiply the following.

(a) $36 \times 20 =$

(b) $118 \times 400 =$

(c) $2151 \times 700 =$

(d) $24 \times 300 =$

(e) $505 \times 600 =$

(f) $1033 \times 500 =$

(g) $58 \times 2000 =$

(h) $314 \times 3000 =$

(i) $2201 \times 4000 =$

3. Fill in the missing numbers.

(a) $16 \times$ ☐ $= 1600$

(b) $314 \times$ ☐ $= 3140$

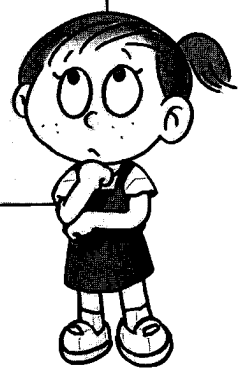
(c) $270 \times$ ☐ $= 27\,000$

(d) $888 \times$ ☐ $= 888\,000$

(e) ☐ $\times 51 = 51\,000$

(f) ☐ $\times 4400 = 440\,000$

(g) ☐ $\times 3780 = 37\,800$



WORKSHEET 5
Division

Date:

1. Divide the following.

(a) $30 \div 10 =$	(b) $450 \div 10 =$
(c) $1700 \div 100 =$	(d) $400 \div 100 =$
(e) $6300 \div 100 =$	(f) $8100 \div 100 =$
(g) $8000 \div 1000 =$	(h) $37\,000 \div 1000 =$

2. Divide the following.

(a) $80 \div 20 =$

(b) $360 \div 30 =$

(c) $1840 \div 40 =$

(d) $900 \div 300 =$

(e) $4500 \div 500 =$

(f) $7800 \div 600 =$

(g) $16\,000 \div 2000 =$

(h) $48\,000 \div 8000 =$

(i) $72\,000 \div 3000 =$

WORKSHEET 6

Use of Calculator 

Date:

Evaluate the following using a calculator.

1. 7513 + 6958 =	**2.** 64 796 + 75 487 =
3. 13 579 + 34 697 =	**4.** 76 638 + 7694 =
5. 48 640 + 39 665 =	**6.** 9801 – 3486 =
7. 76 781 – 13 967 =	**8.** 68 231 – 64 686 =
9. 17 831 – 8908 =	**10.** 47 679 – 19 386 =

11. $329 \times 35 =$

12. $398 \times 42 =$

13. $925 \times 187 =$

14. $958 \times 465 =$

15. $3560 \times 156 =$

16. $4992 \div 32 =$

17. $38\,692 \div 68 =$

18. $29\,610 \div 45 =$

19. $105\,276 \div 283 =$

20. $239\,712 \div 352 =$

WORKSHEET 7

Estimation

Date: _____

1. Find the exact answer of the following using a calculator. Then estimate the sum by rounding off each given number to the nearest thousand. Comment if the answer is reasonable.

(a) $4126 + 2750 =$ _____ (using a calculator)

$4126 \approx$ _____, $2750 \approx$ _____

$4126 + 2750 \approx$ _____ $+$ _____

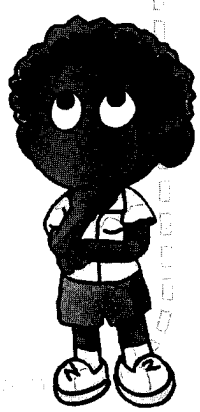
$=$ _____

The answer _____ from the calculator is close to the estimated value _____. It is reasonable.

(b) $12\,508 + 31\,842 =$ _____

(c) 19 200 + 23 499 = ☐

(d) 69 823 + 53 821 = ☐



2. Find the exact answer of the following using a calculator. Then estimate the sum by rounding off each given number to the nearest thousand. Comment if the answer is reasonable.

(a) $7829 - 1942 =$ ☐ (using a calculator)

$7829 \approx$ ☐, $1942 \approx$ ☐

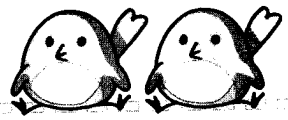
$7829 - 1942 \approx$ ☐ $-$ ☐

$=$ ☐

The answer ☐ from the calculator is close to the estimated value ☐. It is reasonable.

(b) $26\,910 - 14\,455 =$ ☐

(c) 78 628 – 76 090 = ☐



(d) 90 010 – 83 281 = ☐

3. Use a calculator to do the following. Then estimate the product by rounding off the first number to the nearest thousand and the second number to the nearest ten. Comment if the answer is reasonable.

(a) $4125 \times 12 =$ ☐ (using a calculator)

$4125 \approx$ ☐, $12 \approx$ ☐

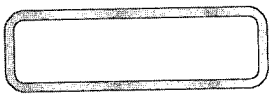
$4125 \times 12 \approx$ ☐ $\times$ ☐

$=$ ☐

The answer ☐ from the calculator is close to the estimated value ☐. It is reasonable.

(b) $1910 \times 26 =$ ☐

(c) $3768 \times 58 =$ 

(d) $2292 \times 81 =$ 

4. Use a calculator to do the divisions. Then estimate the value of the quotients.

(a) $2047 \div 23 =$ ☐ (using a calculator)

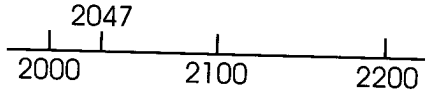
Round off 23 to the nearest ten.

$23 \approx$ 20

Round off 2047 to the nearest hundred which is a multiple of 20.

We have $2047 \approx$ 2000.

$20 \times 100 = 2000$
$20 \times 110 = 2200$



2047 is closer to 2000 than to 2200

So, $2047 \div 23$

$\approx$ 2000 $\div$ 20

$= 100.$

The answer ☐ from the calculator is close to the estimated value ☐. It is reasonable.

(b) $4248 \div 59 =$ ☐

(c) $3276 \div 42 =$ ☐

(d) $8908 \div 68 =$ ☐

WORKSHEET 8

Date:

Word Problems

1. The earnings of a fast food stall on Monday was $3508. On Tuesday, the earnings was $1264 more than that of Monday. What was the total earnings for both days?

2. There are 25 bags of cement and 640 bricks in a container. The mass of each bag of cement is 30 kg and that of each brick is 2 kg. What is the total mass of the cement and bricks in the container?

3. Nick bought fifteen 20-cent stamps and twenty-five 30-cent stamps. He had $50. How much money had he left after the purchase? Round off your answer to the nearest dollar.

4. A theatre has 450 seats. There are 2 shows per day.
For a particular show, all the seats were occupied for 5 days. What was the total number of tickets sold during these 5 days?

5. Mr Lim bought air tickets for 2 adults and 4 children with a total of $4940. The cost of an adult ticket was $1170. What was the cost of a child ticket?

6.  Before a journey, there were 40 litres of petrol in the tank of a car. After travelling 141 km, 25 litres of petrol were left in the tank. How much further could the car travel?

7.  Mr Toh is paid $2720 for a total normal working hours of 170 hours in a month. He is paid twice the rate per hour for overtime work. Mr Toh received $4000 in salary last month. How many hours of overtime did he work?

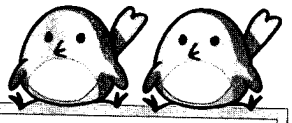
8. An apple cost 35¢ and a pear cost 65¢. Mrs Lee bought 4 apples and some pears. She spent $4.00 altogether. How many pears did she buy?

WORKSHEET 9

Date:

Order of Operations

1. Find the value of each of the following.
Show your working clearly in the space provided.



(a) $20 + 15 + 18$	(b) $40 - 7 - 13$
(c) $96 + 69 - 27$	(d) $58 - 24 + 34 - 15$
(e) $61 + 87 - 23 + 47$	(f) $98 - 15 - 35 + 40$

(g) $4 \times 6 \times 7$

(h) $63 \div 7 \div 3$

(i) $12 \times 6 \div 2$

(j) $36 \div 9 \times 4 \times 5$

(k) $6 \times 8 \div 4 \times 9$

(l) $63 \div 7 \times 20 \div 3$

2.  Find the value of each of the following without using a calculator. Then check your answer by using a calculator.

(a) $25 + 32 \div 8$	(b) $56 \div 7 + 47$
(c) $15 \times 6 - 320 \div 10$	(d) $78 + 7 \times 4 - 39$
(e) $23 + 64 \div 8 - 14$	(f) $(7 + 6) \times 5$

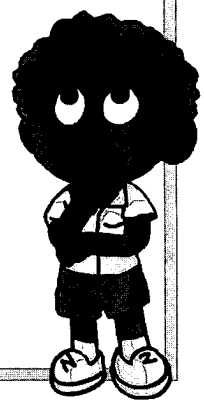
(g) $10 \times (12 + 3)$	(h) $(87 - 53) \div 2$
(i) $(34 + 22) \div 8$	(j) $(29 - 13) \times 6 \div 4$
(k) $9 \times 7 \div (10 - 7)$	(l) $84 + (12 + 14) \div 13$

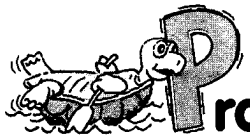
(m) $(45 - 18) \times (32 \div 8)$

(n) $9 \times 80 \times (5 + 4)$

(o) $15 \times (80 \div 4 - 12)$

(p) $(89 - 14) \div (20 - 3 \times 5)$





Practice 2

Date:

1. Evaluate the following without using a calculator.

(a) 55×10 =	(b) 167×100 =
(c) 31×1000 =	(d) 23×30 =
(e) 45×200 =	(f) 13×4000 =

2. Evaluate the following without using a calculator.

(a) $730 \div 10$	(b) $8600 \div 100$
(c) $87\,000 \div 1000$	(d) $450 \div 50$
(e) $4200 \div 600$	(f) $72\,000 \div 9000$

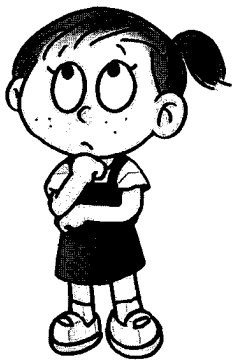
3.  Evaluate using a calculator. Then round off the answer to the nearest thousand.

(a) 3758 + 42 767 = ≈	(b) 18 963 – 2534 = ≈
(c) 4186 × 35 = ≈	(d) 235 × 329 = ≈
(e) 19 866 ÷ 11 = ≈	(f) 28 995 ÷ 15 = ≈

4. Find the exact answers of the following using a calculator. Then estimate the value of each. Comment if the answer given by the calculator is reasonable.

(a) 4734 + 5877 (Hint: Round off the numbers to the nearest thousand.)

(b) 8034 – 3975 (Hint : Round off the numbers to the nearest thousand.)



(c) 347×29 (Hint : Round off 347 to the nearest hundred and 29 to the nearest ten.)

(d) $5376 \div 32$ (Hint : Round off 32 to the nearest ten first and then round off 5376 to the nearest thousand which is a multiple of 3.)

5. Ali and Mary had a total of $1500. After Ali gave Mary $50, Ali had 4 times as much as Mary. How much money did Ali have originally?

6. The total cost of 5 computers and 3 printers is $7100. The total cost of 2 such computers and 3 such printers is $3560. Find the cost of a printer.

7. Jane and Mary had the same amount of money at first. After Jane spent $18 and Mary spent $6, Mary had three times as much money as Jane. How much money did each girl have at first ?

8. 20 children share some cards equally. If another child joins them, then each child will get 2 cards less. How many cards are there in total ?

9.  The charges for printing leaflets are shown below.

The first 500 copies	35 ¢ per copy
Additional copies	15 ¢ per copy

Mr Lee wants to print 750 copies of a leaflet. How much will he have to pay?

10.  There are two brands of computers in a shop. The price of brand A is $1599 each. The price of brand B is $2899 each. Mr Wong's company spent $10 595 buying 5 computers in the shop. How many brand A computers did he buy?

11.  Find the value of each of the following without using a calculator. Show your working clearly in the space provided. Then check your answer using a calculator.

(a) $53 + 25 + 30$

$=$

(b) $95 - 31 - 19$

$=$

(c) $12 \times 9 \times 8$

$=$

(d) $64 \div 2 \div 8$

$=$

(e) $90 - 11 \times 5$

$=$

(f) $35 + 17 \times 3$

$=$

(g) $18 \times 9 \div 6$

(h) $(6 + 12) \times 8$

(i) $9 \times (12 + 7)$

(j) $17 \times (63 \div 9) + 23$

(k) $32 + (7 + 8) \times 4$

(l) $138 - 69 \div (31 - 28)$

(m) $(32 + 8) \div 10 \times 14$

(n) $(8 + 10) \times (20 - 17)$

(o) $(88 + 12) \div 20 + 37$

(p) $(140 - 20) \div 3 \times (81 - 75)$

3 Angles

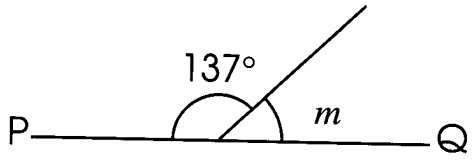
WORKSHEET 10

Date: _____

Angles on a Straight Line

1. The figures are **not** drawn to scale. PQ is a straight line. Find $\angle m$.

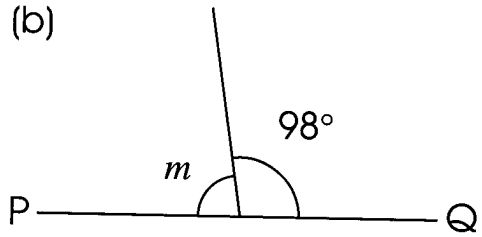
(a)



$\angle m =$ _____

$=$ _____

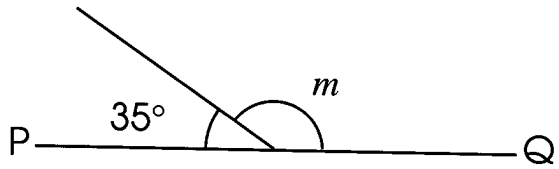
(b)



$\angle m =$ _____

$=$ _____

(c)

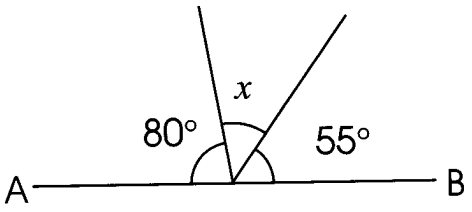


$\angle m =$ _____

$=$ _____

2. The figures are **not** drawn to scale. AB is a straight line. Find $\angle x$.

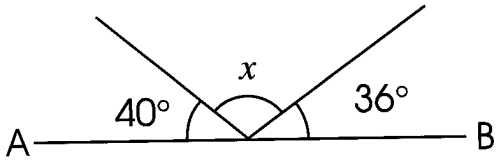
(a)



$\angle x =$ _____

$=$ _____

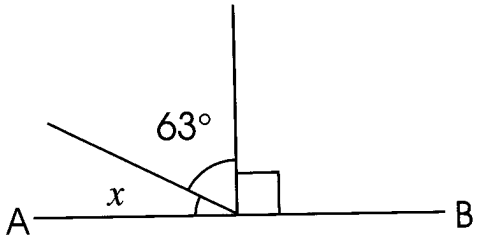
(b)



$\angle x =$ _____

$=$ _____

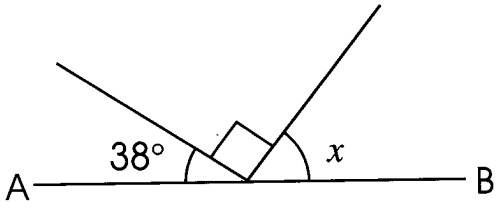
(c)



$\angle x =$ _____

$=$ _____

(d)



$\angle x =$ _____

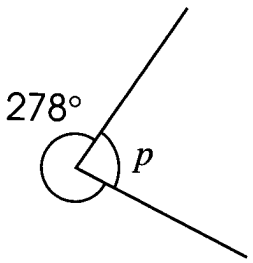
$=$ _____

WORKSHEET 11
Angles at a Point

Date: _____

1. The figures are **not** drawn to scale. Find the unknown angles.

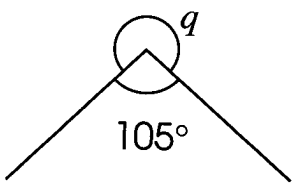
(a)



$\angle p =$ _____

$=$ _____

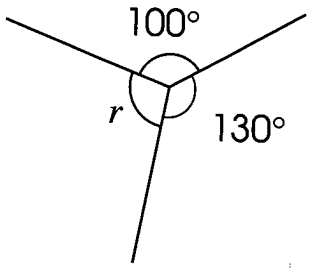
(b)



$\angle q =$ _____

$=$ _____

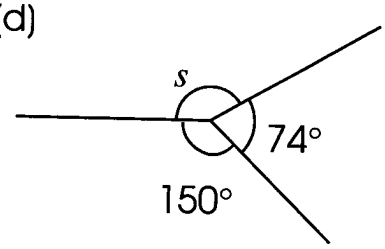
(c)



$\angle r =$ _____

$=$ _____

(d)

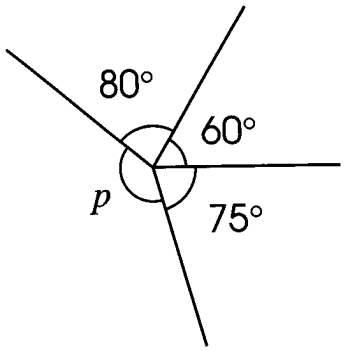


$\angle s =$ _____

$=$ _____

2. The figures are **not** drawn to scale. Find the unknown angles.

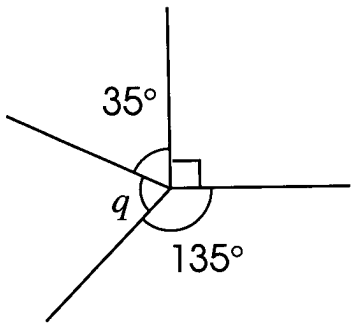
(a)



$\angle p =$ _____

$=$ _____

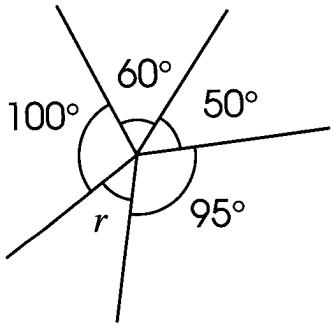
(b)



$\angle q =$ _____

$=$ _____

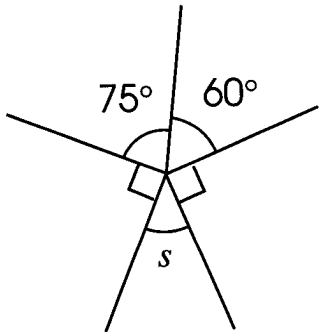
(c)



$\angle r =$ _____

$=$ _____

(d)



$\angle s =$ _____

$=$ _____

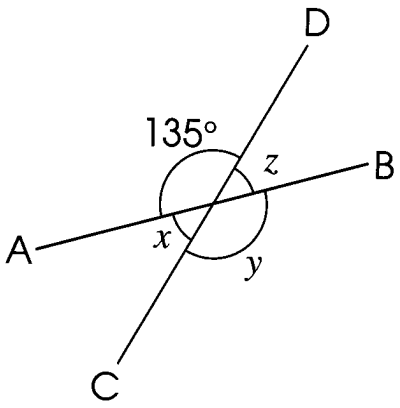
WORKSHEET 12

Date:

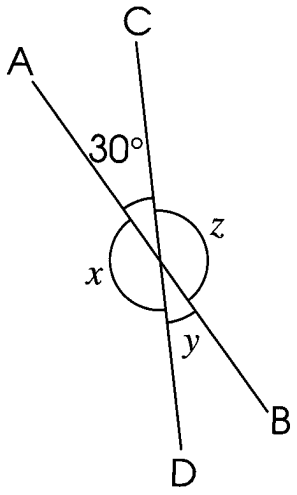
Vertically Opposite Angles

1. The figures are **not** drawn to scale. AB and CD are straight lines. Find the unknown angles.

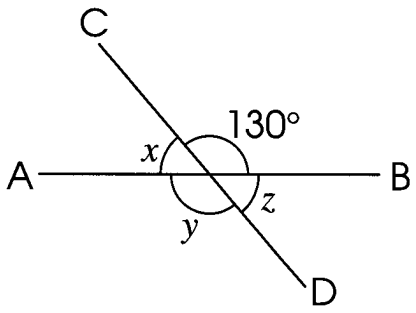
(a)



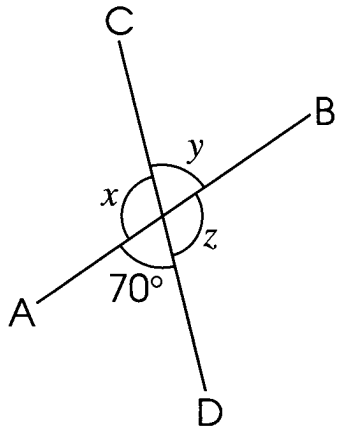
(b)



(c)



(d)

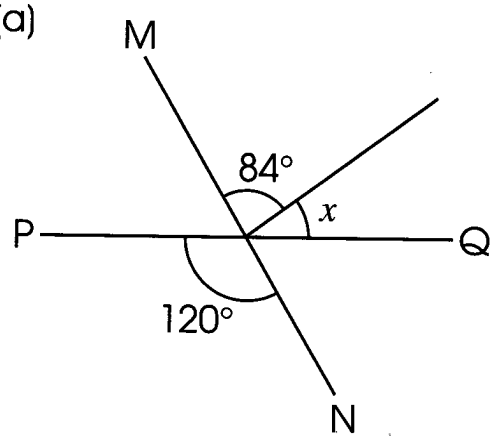


Practice 3

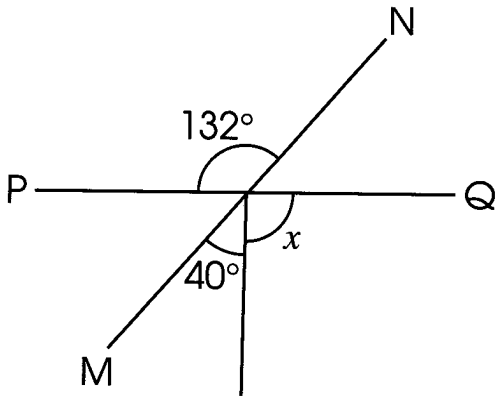
Date:

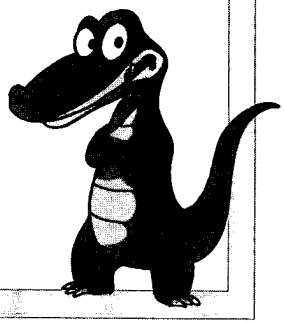
1. The figures are **not** drawn to scale. PQ and MN are straight lines. Find $\angle x$ in each case.

(a)



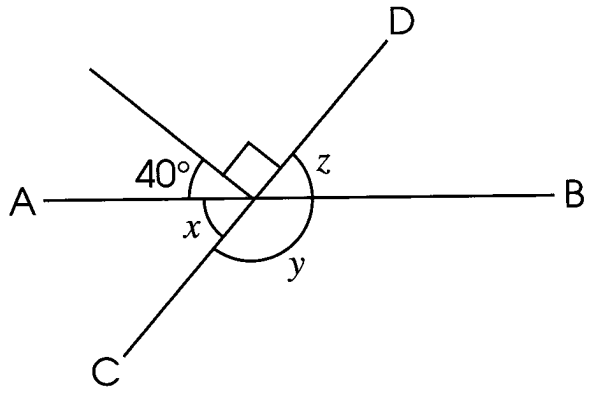
(b)



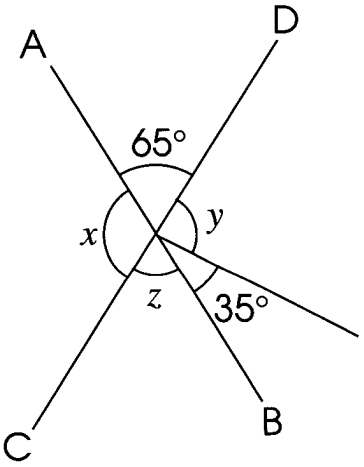


2. The figures are **not** drawn to scale. AB and CD are straight lines. Find all the unknown angles in each figure.

(a)

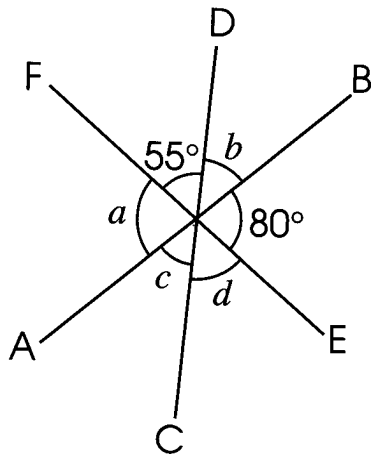


(b)

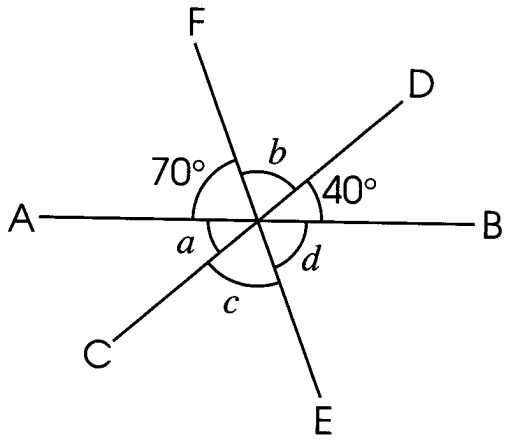


3. The figures are **not** drawn to scale. AB, CD and EF are straight lines. Find all the unknown angles in each figure.

(a)



(b)



Revision 1A

Date: ____

1. Express the following as numerals.

(a) Two hundred and eighty-one thousand,

seven hundred and eighty-eight ____

(b) Six hundred thousand and thirty-one ____

(c) Four million, four hundred thousand,

three hundred and two ____

(d) Eight million, eight thousand and eighteen ____

(e) Five million, two hundred and thirty-five thousand, six hundred and seventy-nine ____

2. Write the missing numbers in the boxes provided.

(a) 210 012 = ____ + 10 000 + 10 + 2.

(b) 3 000 000 + 70 000 + 80 + 3 = ____.

(c) 2 103 935 = 2 000 000 + ____ +3000 + ____ + 30 + 5.

(d) 700 000 + 30 000 + 400 + 2 = ☐.

(e) 6 520 370 = ☐ + 500 000 + 20 000 + 300 + 70.

(f) 1 320 503 = 1 000 000 + ☐ + 20 000 + 5000 + 500 + 3.

3. Round off each number to the nearest thousand.

(a) 780

(b) 1987

(c) 527 039

(d) 999 999

(e) 3 456 501

(f) 4 010 499

4. Multiply the following.

(a) $28 \times 100 =$	(b) $201 \times 1000 =$
(c) $12 \times 600 =$	(d) $17 \times 3000 =$
(e) $192 \times 400 =$	(f) $1703 \times 5000 =$

5. Divide the following.

(a) $4600 \div 100 =$	(b) $38\,000 \div 1000 =$
(c) $16\,000 \div 400 =$	(d) $450\,000 \div 5000 =$
(e) $21\,000 \div 600 =$	(f) $120\,000 \div 8000 =$

6.  Find the value of each of the following without using a calculator. Show your working clearly in the space provided. Then check your answers using a calculator.

(a) $25 + 38 - 45$	(b) $120 - 21 + 78$
(c) $72 \times 3 \div 8$	(d) $144 \div 6 \times 9$
(e) $(25 + 30) \div (28 - 27)$	(f) $(87 - 65) \times (90 - 81)$

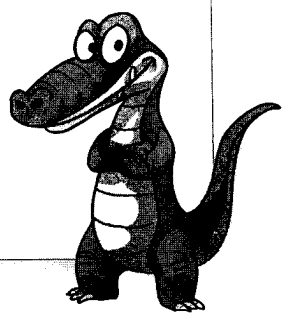
7. A shopkeeper sold 4 times as many eggs on Monday than on Tuesday. If the total number of eggs sold on these 2 days was 850, find the number of eggs sold (a) on Monday and (b) on Tuesday.

8. A class of 40 pupils plan to organise an outing which costs a total of $725. The class fund has only $125. How much more must each pupil contribute to make up the total sum for the outing?

9. Estimate the following by first rounding off the given numbers to the nearest thousand.

(a) 98 731 – 35 807

(b) 38 321 + 66 807



(c) 91 045 + 32 187

(d) 60 915 – 10 134

10.  Use a calculator to do the following. Then round off each answer to the nearest thousand.

(a) 1378×38	(b) 2577×65
(c) 437×536	(d) $63\,420 \div 14$
(e) $62\,752 \div 32$	(f) $55\,380 \div 26$

11. Mr Tan's annual income is $165 365. Round off this amount to the nearest thousand dollars.

12.  A real estate agent sold two 5-room flats, Flat A and Flat B. The price of Flat A was $353 500 and the price of Flat B was $356 200.

(a) Which one is more expensive, Flat A or Flat B ?

(b) Find the difference in price.

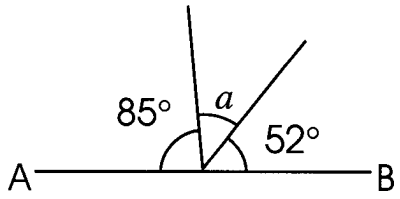
13.  The population in City A is 6 350 430 and that in City B is 5 930 275.

(a) Which city has a greater population ?

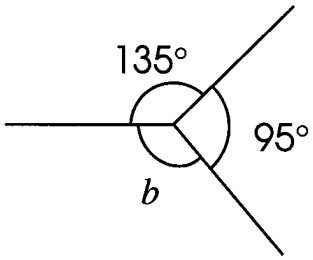
(b) Find the difference in population between the two cities.

14. The following figures are **not** drawn to scale. Find the unknown angles.

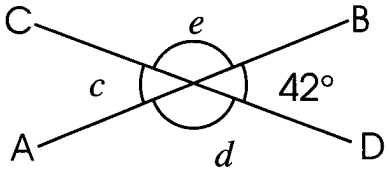
(a) AB is a straight line.



(b)



(c) AB and CD are straight lines.



Revision 1B

Date:

1. Express each number in words.

(a) 107 001

(b) 890 028

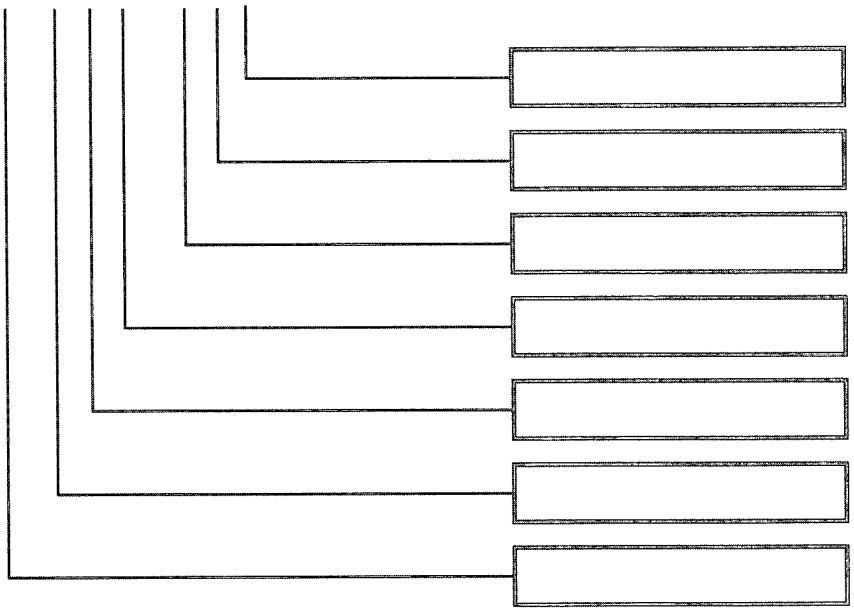
(c) 6 810 543

(d) 9 900 990

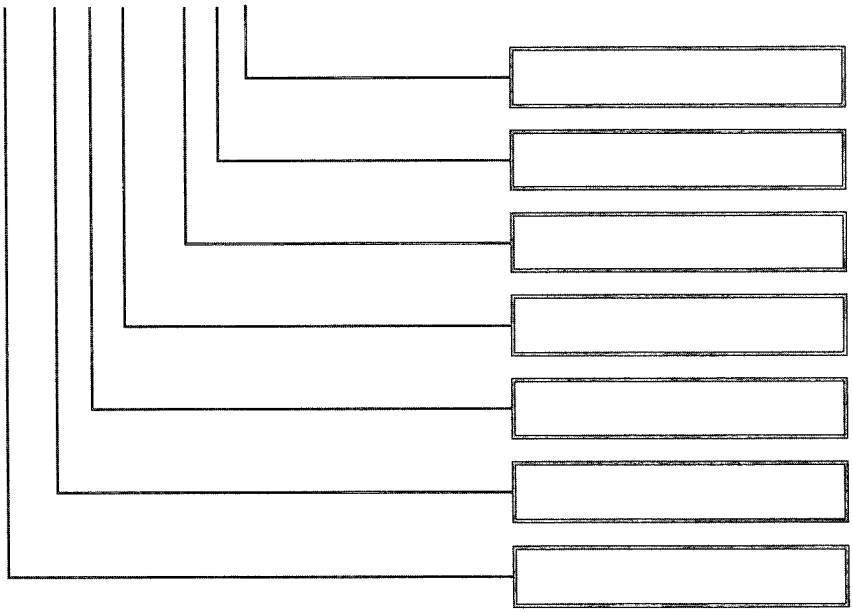
(e) 5 367 408

2. What does each digit in the number stand for ?

(a) **8 145 237**



(b) **1 354 069**



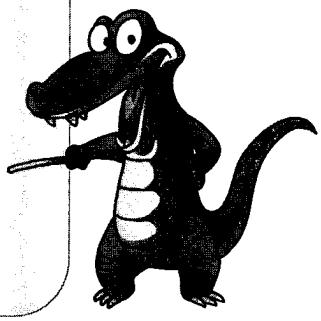
3. Round off each number to the nearest thousand.

(a) 1010 ____

(b) 65 419 ____

(c) 828 900 ____

(d) 999 999 ____



4. Fill in the blanks.

(a) In 428 551, the digit 8 in the ____ place stands for 8000.

(b) In 968 027, the digit 9 in the ____ place stands for 900 000.

(c) In 2001 002, the digit ____ in the millions place stands for ____.

(d) In 7 097 996, the digit 9 in the ten thousands place stands for ____.

5. Find the value of the following.

(a) $367 \times 10 =$	(b) $350 \times 30 =$
(c) $3723 \times 100 =$	(d) $1705 \times 900 =$
(e) $1359 \times 1000 =$	(f) $732 \times 7000 =$

6. Find the value of the following. Show your working clearly in the space provided.

(a) $45 + 23 \times 6$	(b) $155 - 81 \div 9$
(c) $76 \times 3 - 54$	(d) $120 \div 10 + 110$

7. Find the value of each of the following. Show your working clearly in the space provided.

(a) $7 \times (39 - 15) + 12$

(b) $9 \times 7 \div (12 - 9)$

(c) $(17 + 23) \div (36 \div 9)$

(d) $23 \times (12 + 25) - 251$

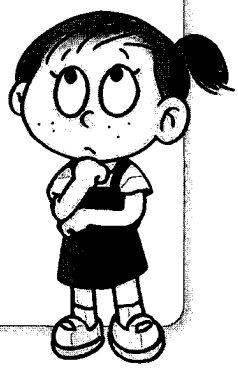
8. Find each of the products using a calculator. Check your answer by estimation.

(a) 391×412

(b) 506×693

(c) 2008×17

(d) 4903×98



9.  Find the value of the following using a calculator. Check your answer by estimation.

(a) $4094 \div 23 =$ ☐

$23 \approx$ ☐

$4094 \approx$ ☐

$4094 \div 23 \approx$ ☐ $\div$ ☐ $=$ ☐

The value ☐ found by using a calculator is/is not close to the estimated value ☐.

It is/is not reasonable.

(b) $5880 \div 28$

10. In the table below, the areas of some lakes in the world are listed.

Name	Area (square km)
Tanganyika	32 893
Victoria	69 485
Huron	59 596
Aral	33 800
Michigan	58 016

Based on the information in the table, fill in the blanks.

(a) Which one is larger, Tanganyika or Aral? _____

(b) Which one is smaller, Victoria or Huron? _____

(c) Arrange these lakes in order according to their areas from the largest to the smallest.

_____, _____, _____,

_____, _____.

11. The table below shows the lengths of some rivers in the world. Round off each length to the nearest thousand km.

River	Length (km)	Round off to the nearest thousand
The Nile	6695	
The Amazon	6516	
The Yangtze	6380	
The Mississippi -Missouri	6019	
The Ob-Irtysh	5570	
The Yenisey-Angara	5550	
The Yellow River	5464	

12. The total cost of 3 tables and 4 chairs is $520. If each table costs twice as much as a chair, how much does a chair cost?

13. Jane and Mary had the same amount of money. After Jane gave $35 to Mary, Mary had twice as much as Jane. How much did Jane have originally?

14. Six identical shirts and 3 identical pairs of pants cost $480. Four such shirts and 6 such pants cost $640. What is the price of (a) each shirt, (b) each pair of pants?

15. Each small fan cost $30 and each big fan cost $50. Mrs Tan bought 15 fans and she paid $590 for them.
How many (a) small fans, (b) big fans did she buy ?

16. Charges for renting a holiday chalet are shown below.

Monday to Thursday	$95 per day
Friday, Saturday and Sunday	$120 per day

Mr Tan rented a chalet for 4 successive days and he paid $430. On which day did Mr Tan start to rent the chalet?

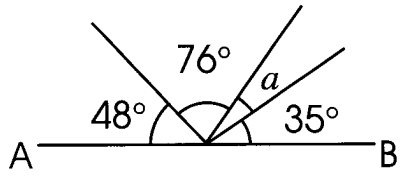
17. In a city, the taxi fare is charged as below.

The first 3 km	$8
Every additional km	$2

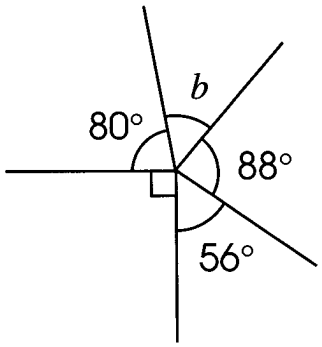
The taxi fare for a particular journey is $42. How long is the journey?

18. The following figures are **not** drawn to scale. Find the value of each unknown angle.

(a) AB is a straight line.



(b)



(c) AB and CD are straight lines.